

Microsoft.DP-900.v2022-07-04.q185

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https://www.freeqas.com/qa/Microsoft/DP-900/Microsoft.DP-900.v2022-07-04.q185.html	

NEW QUESTION: 1

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	<input type="radio"/>	<input type="radio"/>
Azure SQL managed instance supports user-created backups.	<input type="radio"/>	<input type="radio"/>
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL managed instance supports user-created backups.	<input type="radio"/>	<input checked="" type="radio"/>
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 2

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can copy a dashboard between Microsoft Power BI workspaces.	<input type="radio"/>	<input type="radio"/>
A Microsoft Power BI dashboard can only display visualizations from a single dataset.	<input type="radio"/>	<input type="radio"/>
A Microsoft Power BY dashboard can display visualizations from a Microsoft Excel workbook.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
You can copy a dashboard between Microsoft Power BI workspaces.	<input type="radio"/>	<input checked="" type="radio"/>
A Microsoft Power BI dashboard can only display visualizations from a single dataset.	<input type="radio"/>	<input checked="" type="radio"/>
A Microsoft Power BY dashboard can display visualizations from a Microsoft Excel workbook.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-across-workspaces>

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-dashboards>

<https://powerbi.microsoft.com/en-us/excel-and-power-bi/>

NEW QUESTION: 3

For each of the following statements, select Yes if the statement is true. Otherwise select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory pipelines can execute other pipelines.	<input type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory pipelines can execute other pipelines.	<input checked="" type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity.	<input type="radio"/>	<input checked="" type="radio"/>

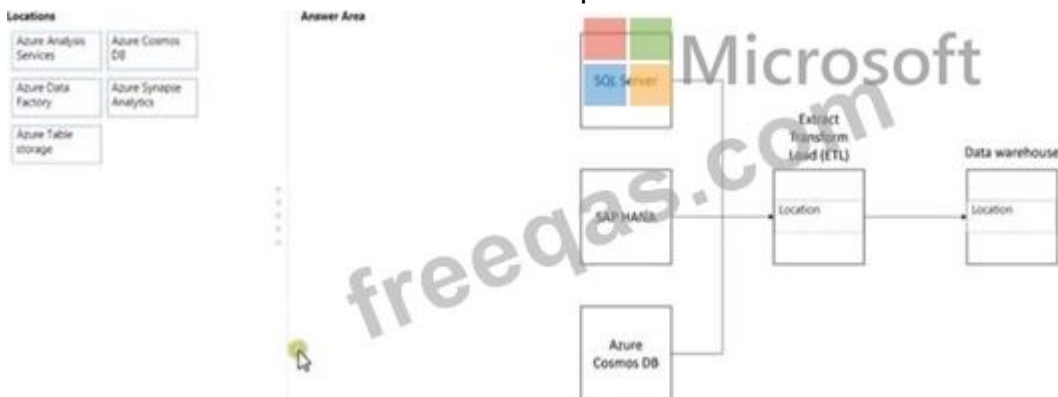
NEW QUESTION: 4

Match the Azure services to the appropriate locations in the architecture.

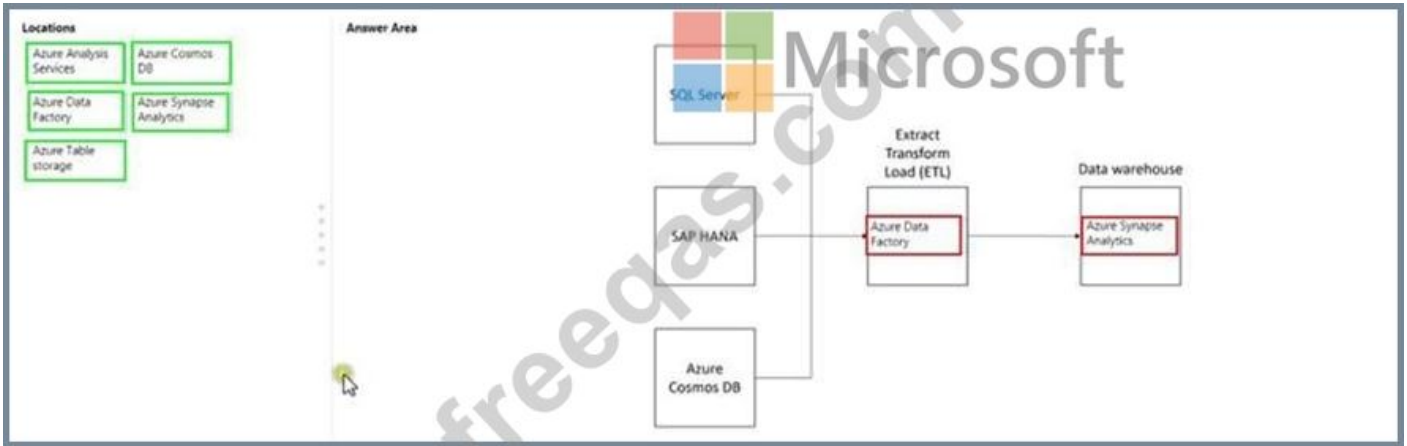
To answer, drag the appropriate service from the column on the left to its location on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



NEW QUESTION: 5

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Microsoft

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="radio"/>	<input type="radio"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="radio"/>	<input type="radio"/>
Azure Data Studio can be used to restore a database.	<input type="radio"/>	<input type="radio"/>

Answer:

Microsoft

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="radio"/>	<input checked="" type="radio"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Studio can be used to restore a database.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 6

For each of the following statements, select yes if the statement is true, Otherwise select No.

NOTE: Each correct selection is worth one point.

Answer Area

Microsoft

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	<input type="radio"/>	<input type="radio"/>
Azure Databricks can consume data from Azure Event Hubs.	<input type="radio"/>	<input type="radio"/>
Azure Databricks can consume data from Azure Cosmos DB.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Microsoft

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Databricks can consume data from Azure Event Hubs.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Databricks can consume data from Azure Cosmos DB.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 7

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Processing salary payments once a month is an example of a batch workload.	<input type="radio"/>	<input type="radio"/>
A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.	<input type="radio"/>	<input type="radio"/>
A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
Processing salary payments once a month is an example of a batch workload.	<input checked="" type="radio"/>	<input type="radio"/>
A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.	<input checked="" type="radio"/>	<input type="radio"/>
A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload.	<input type="radio"/>	<input checked="" type="radio"/>

Section: Describe an analytics workload on Azure

NEW QUESTION: 8

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="radio"/>	<input type="radio"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="radio"/>	<input type="radio"/>
Azure Data Studio can be used to restore a database.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements

	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="radio"/>	<input checked="" type="radio"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Data Studio can be used to restore a database.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 9

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE Each correct selection is worth one point.

Answer Area

Statements

	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input type="radio"/>	<input type="radio"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements

	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input checked="" type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input type="radio"/>	<input checked="" type="radio"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 10

To complete the sentence, select the appropriate option in the answer area.

physically sorts the data in a table based on the values in a specified column.

- A view
- A clustered index
- A stored procedure
- A nonclustered index

Answer:

physically sorts the data in a table based on the values in a specified column.

- A view
- A clustered index
- A stored procedure
- A nonclustered index

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/indexes/clustered-and-nonclustered-indexes-described?view=sql-server-ver15>

NEW QUESTION: 11

Match the types of workloads to the appropriate scenarios.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/technology-choices/batch-processing>

NEW QUESTION: 12

Your company needs to implement a relational database in Azure. The solution must minimize ongoing maintenance.

Which Azure service should you use?

- A. Azure HDInsight
- B. Azure SQL Database
- C. Azure Cosmos DB
- D. SQL Server on Azure virtual machines

Answer: B (LEAVE A REPLY)

Section: Describe how to work with relational data on Azure

Explanation/Reference:

<https://azure.microsoft.com/en-us/services/sql-database/#features>

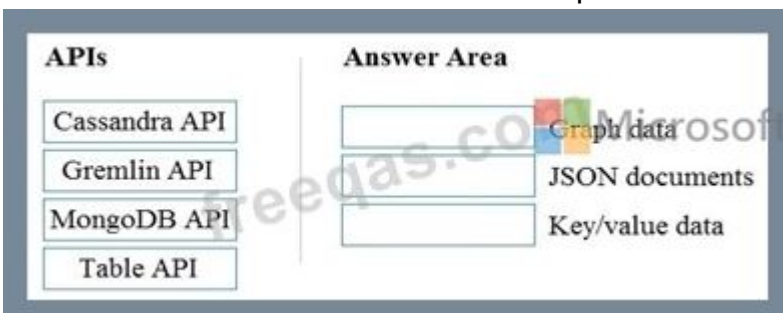
NEW QUESTION: 13

Match the Azure Cosmos DB APIs to the appropriate data structures.

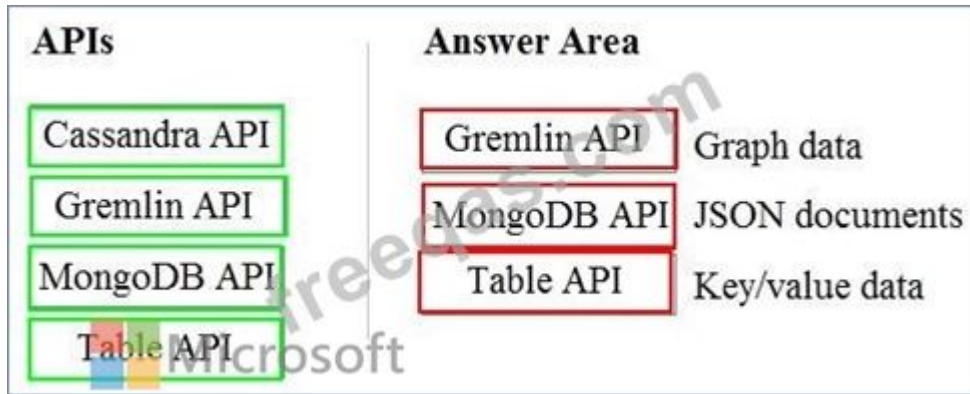
To answer, drag the appropriate API from the column on the left to its data structure on the right.

Each API may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/faq>

NEW QUESTION: 14

What is a benefit of hosting a database on Azure SQL managed instance as compared to an Azure SQL database?

- A. native support for cross-database queries and transactions
- B. built-in high availability
- C. system-initiated automatic backups
- D. support for encryption at rest

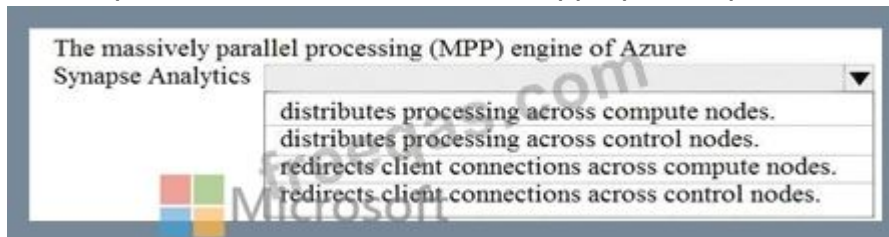
Answer: A ([LEAVE A REPLY](#))

Reference:

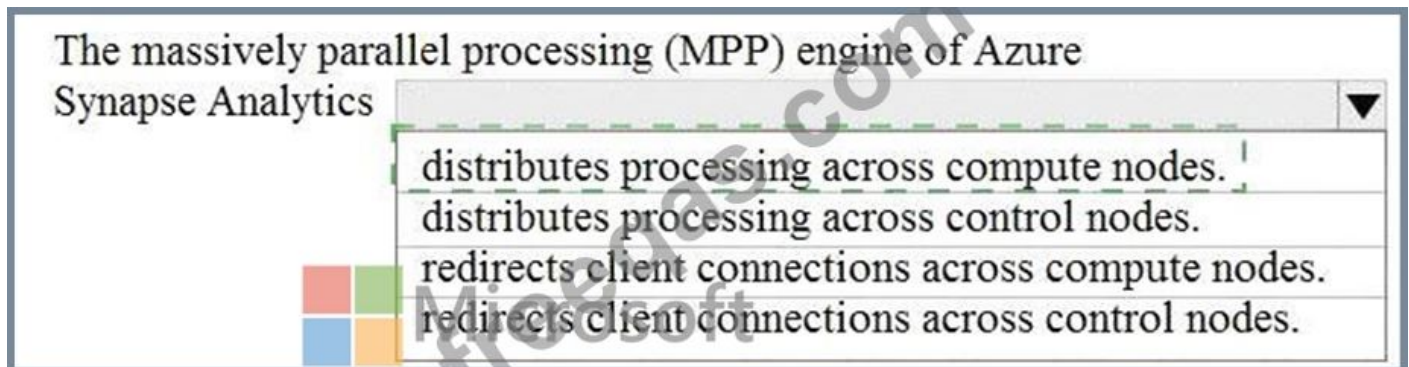
<https://docs.microsoft.com/en-us/azure/azure-sql/database/features-comparison>

NEW QUESTION: 15

To complete the sentence, select the appropriate option in the answer area.



Answer:



The massively parallel processing (MPP) engine of Azure Synapse Analytics

distributes processing across compute nodes.
distributes processing across control nodes.
redirects client connections across compute nodes.
redirects client connections across control nodes.

NEW QUESTION: 16

To complete the sentence, select the appropriate option in the answer area.

Transcribing audio files is an example of _____ analytics

cognitive
descriptive
predictive
prescriptive

Answer:

Transcribing audio files is an example of _____ analytics

cognitive
descriptive
predictive
prescriptive

Reference:

<https://azure.microsoft.com/en-us/services/cognitive-services/speech-services/>

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NEW QUESTION: 17

You need to create an Azure Storage account.

Data in the account must replica outside the Azure region automatically.

Which two types of replica can you us for the storage account? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one pint.

- A. read-access geo-redundant storage (RA_GRS)
- B. zone-redundant storage (ZRS)
- C. geo-redundant storage (GRS)
- D. locally-redundant storage (LRS)

Answer: A,C (LEAVE A REPLY)

Explanation

Azure Storage offers two options for copying your data to a secondary region:

Geo-redundant storage (GRS)

Geo-zone-redundant storage (GZRS)

With GRS or GZRS, the data in the secondary region isn't available for read or write access unless there is a failover to the secondary region. For read access to the secondary region, configure your storage account to use read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).

NEW QUESTION: 18

You have the following SQL query.

```
INSERT INTO dbo.Products (ProductID, ProductName, Price, ProductDescription)
VALUES (1, 'Clamp', 12.48, 'Workbench clamp');
```

NOTE: Each correct selection is worth one point.

Answer Area

Answer:

NEW QUESTION: 19

For each of the following statements, select Yes if the statement is true, Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently.	<input type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs.	<input type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Microsoft

Statements

- Azure Synapse Analytics scales storage and compute independently. Yes No
- Azure Synapse Analytics can be paused to reduce compute costs. Yes No
- An Azure Synapse Analytics data warehouse has a fixed storage capacity. Yes No

NEW QUESTION: 20

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy. To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.

Answer Area

Microsoft

Terms (Left):

- Azure Storage account
- File share
- File system

Levels (Right):

- Level 1
- Level 2

Matches (Green boxes):

- Azure Storage account to Level 1
- File share to Level 2
- File system to Level 2

Unmatched (Red boxes):

- Azure Storage account
- File share

Answer:

NEW QUESTION: 21

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE Each correct selection is worth one point.

Answer Area

Microsoft

Statements

- The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account. Yes No
- Partition keys are used in Azure Cosmos DB to optimize queries. Yes No
- Items contained in the same Azure Cosmos DB logical partition can have different partition keys. Yes No

Answer:

Answer Area

Microsoft

Statements

- The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account. Yes No
- Partition keys are used in Azure Cosmos DB to optimize queries. Yes No
- Items contained in the same Azure Cosmos DB logical partition can have different partition keys. Yes No

NEW QUESTION: 22

To complete the sentence, select the appropriate option in the answer area.

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

Answer:

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

NEW QUESTION: 23

To complete the sentence, select the appropriate option in the answer area.

In batch processing,

- data is always inserted one row at a time.
- data is processed in real-time.
- latency is expected.
- processing can only execute serially.

Answer:

In batch processing,

- data is always inserted one row at a time.
- data is processed in real-time.
- latency is expected.
- processing can only execute serially.

Reference:

<https://www.bmc.com/blogs/what-is-batch-processing-batch-processing-explained/>

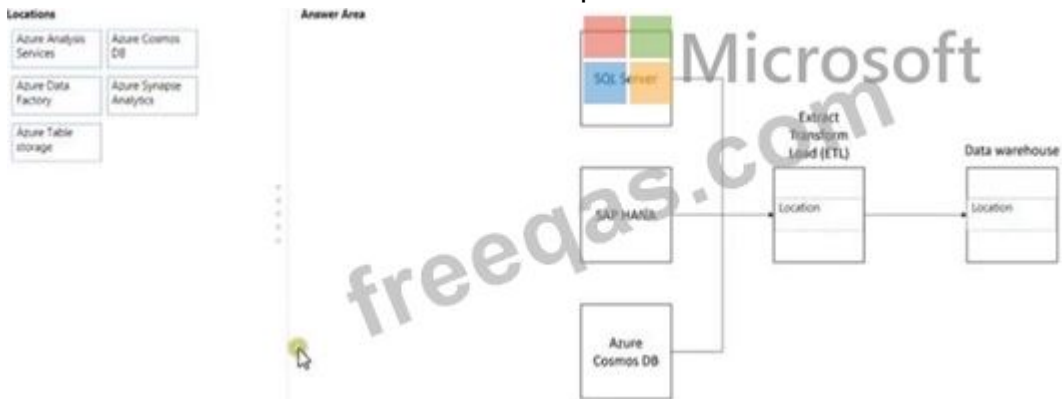
NEW QUESTION: 24

Match the Azure services to the appropriate locations in the architecture.

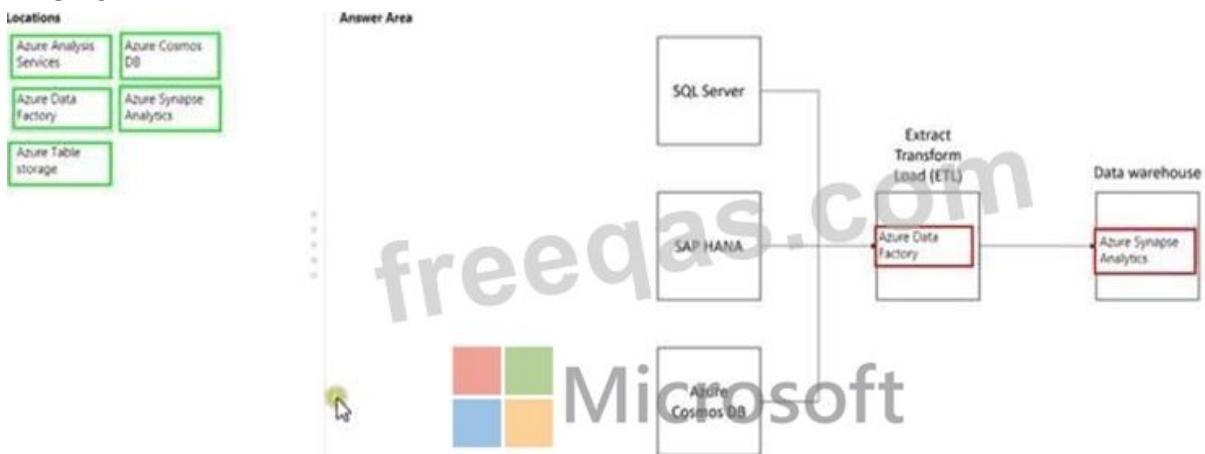
To answer, drag the appropriate service from the column on the left to its location on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



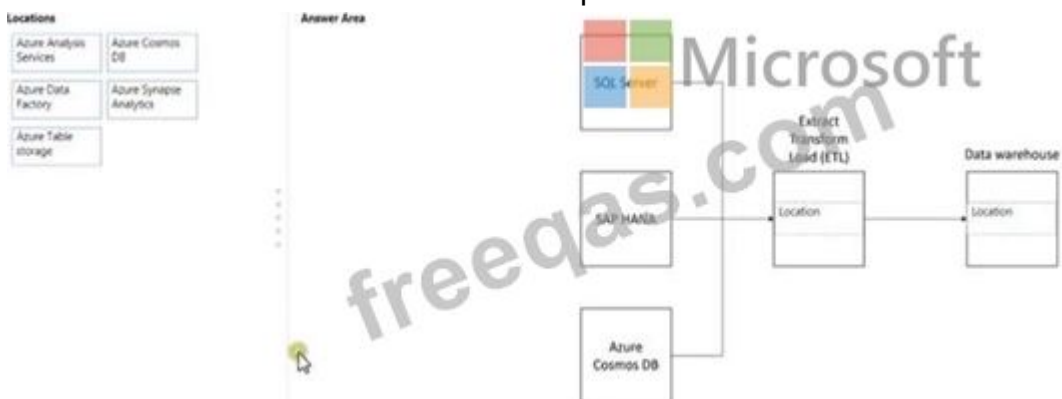
NEW QUESTION: 25

Match the Azure services to the appropriate locations in the architecture.

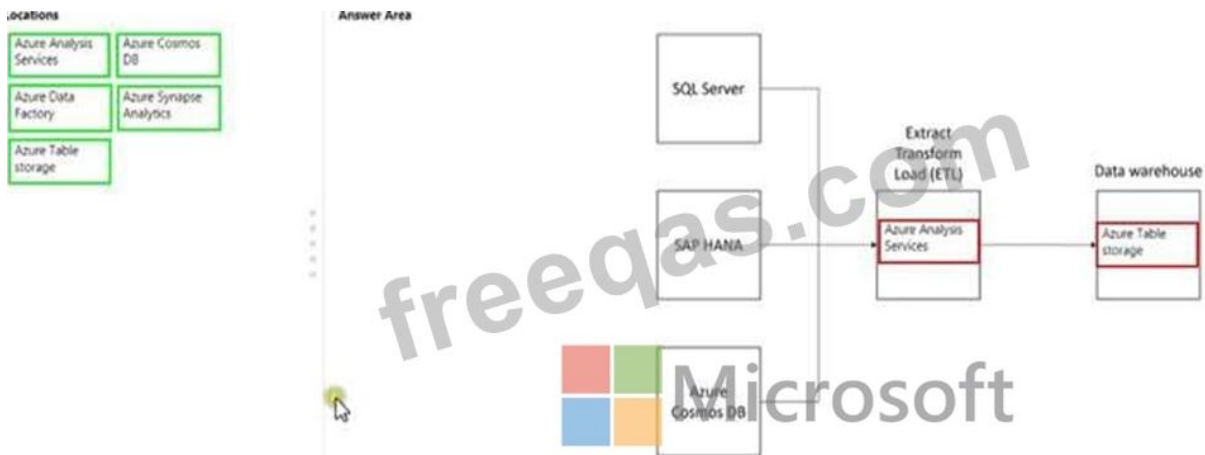
To answer, drag the appropriate service from the column on the left to its location on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



NEW QUESTION: 26

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A key/value data store is optimized for

enforcing constraints.
simple lookups.
table joins.
transactions.

Microsoft

Answer:

Answer Area

A key/value data store is optimized for

enforcing constraints.
simple lookups.
table joins.
transactions.

Microsoft

Answer Area

A key/value data store is optimized for

table joins.

Microsoft

NEW QUESTION: 27

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.	<input type="radio"/>	<input type="radio"/>
You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.	<input type="radio"/>	<input type="radio"/>
You can use MySQL Workbench to query Azure Database for MariaDB databases.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements

Yes

No

You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.

You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.

You can use MySQL Workbench to query Azure Database for MariaDB databases.

Statements

Yes

No

You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.

You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.

You can use MySQL Workbench to query Azure Database for MariaDB databases.

NEW QUESTION: 28

To complete the sentence, select the appropriate option in the answer area.

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

▼

- graph.
- table.
- partition key.
- document.

Answer:

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a



	▼
graph.	
table.	
partition key.	
document.	

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

	▼
graph.	
table.	
partition key.	
document.	

NEW QUESTION: 29

Which Azure Data Factory component initiates the execution of a pipeline?

- A. a control flow
- B. a trigger
- C. a parameter
- D. an activity

Answer: B (LEAVE A REPLY)

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/concepts-pipeline-execution-triggers#trigger-execution>

NEW QUESTION: 30

To complete the sentence select the appropriate option in the answer area.

Answer Area

Transparent Data Encryption (TDE) encrypts

a column to protect data at rest and in transit.
queries and their results in order to protect data in transit.
the database to protect data at rest.
the server to protect data at rest.

Answer:

Answer Area

Transparent Data Encryption (TDE) encrypts

Answer Area

Transparent Data Encryption (TDE) encrypts

NEW QUESTION: 31

To complete the sentence, select the appropriate option in the answer area.

An extract, transform, and load (ETL) process requires

- a matching schema in the data source and the data target.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- that the data target be a relational database.

Answer:

An extract, transform, and load (ETL) process requires

- a matching schema in the data source and the data target.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- that the data target be a relational database.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/etl>

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NEW QUESTION: 32

What are two characteristics of real-time data processing? Each correct answer present a complete solution.

NOTE: Each correct selection is worth one point.

- A. Data is processed as it is created.
- B. Low latency is expected
- C. High latency acceptable
- D. Data is processed periodically

Answer: ([SHOW ANSWER](#))

Real time processing deals with streams of data that are captured in real-time and processed with minimal latency to generate real-time (or near-real-time) reports or automated responses.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/big-data/real-time-processing>

NEW QUESTION: 33

Match the security components to the appropriate scenarios.

To answer, drag the appropriate component from the column on the left to its scenario on the right. Each component may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Components	Answer Area
Authentication	<input type="text"/> Prevent access to an Azure SQL database from another network.
Firewall	<input type="text"/> Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.
Encryption	<input type="text"/> Ensure that sensitive data never appears as plain text in an Azure SQL database.

Answer:

Components	Answer Area
Authentication	Firewall Prevent access to an Azure SQL database from another network.
Firewall	Authentication Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.
Encryption	Encryption Ensure that sensitive data never appears as plain text in an Azure SQL database.

Reference:

<https://docs.microsoft.com/en-us/sql/database-engine/configure-windows/configure-a-windows-firewall-for-database-engine-access?view=sql-server-ver15>

<https://docs.microsoft.com/en-us/azure/azure-sql/database/authentication-aad-overview>

<https://docs.microsoft.com/en-us/azure/azure-sql/database/always-encrypted-certificate-store-configure>

NEW QUESTION: 34

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	<input type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input checked="" type="radio"/>	<input type="radio"/>


NEW QUESTION: 35

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A Microsoft Power BI dashboard that enables users to create highly formatted, fixed-layout documents or paginated reports for archiving.

dashboard
 interactive report
 paginated report
 subscription



Answer:

Answer Area

A Microsoft Power BI dashboard that enables users to create highly formatted, fixed-layout documents or paginated reports for archiving.

dashboard
 interactive report
 paginated report
 subscription



Explanation:

<https://powerbi.microsoft.com/en-us/blog/announcing-paginated-reports-in-power-bi-general-availability/>

NEW QUESTION: 36

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements

Statements	Yes	No
 Azure Databricks can consume data from Azure SQL Database	<input type="radio"/>	<input type="radio"/>
Azure Databricks can consume data from Azure Event Hubs	<input type="radio"/>	<input type="radio"/>
Azure Databricks can consume data from Azure Cosmos DB	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
 Azure Databricks can consume data from Azure SQL Database	<input checked="" type="radio"/>	<input type="radio"/>
Azure Databricks can consume data from Azure Event Hubs	<input checked="" type="radio"/>	<input type="radio"/>
Azure Databricks can consume data from Azure Cosmos DB	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/databricks/data/data-sources/sql-databases-azure>

<https://docs.microsoft.com/en-us/azure/databricks/scenarios/databricks-stream-from-eventhubs>

NEW QUESTION: 37

match the Azure data factory components to the appropriate descriptions.

To answer, drag the appropriate component from the column on the left to its description on the right. Each component may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Components

Dataset	Linked service	Mapping data flow	Pipeline
---------	----------------	-------------------	----------

Answer Area

Component	A representation of data structures within data stores
Component	The information used to connect to external resources
Component	A logical grouping of activities that performs a unit of work and can be scheduled

Answer:

Components

Dataset	Linked service	Mapping data flow	Pipeline
---------	----------------	-------------------	----------

Answer Area

Dataset	A representation of data structures within data stores
Linked service	The information used to connect to external resources
Mapping data flow	A logical grouping of activities that performs a unit of work and can be scheduled

NEW QUESTION: 38

Match the tools to the appropriate descriptions.

To answer, drag the appropriate tool from the column on the left to its description on the right.

Each tool may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Tools

- Azure Data Studio
- Microsoft SQL Server Data Tools (SSDT)
- Microsoft SQL Server Management Studio (SSMS)
- Microsoft Visual Studio Code

Answer Area

Microsoft

Tool

Tool

Tool

Tool

A graphical tool for managing Azure SQL databases and viewing SQL execution plans

A Microsoft SQL Server extension that supports connections to SQL Server and provides a rich editing experience for T-SQL

A lightweight editor that can run on-demand SQL queries and view and save results as text, JSON, or Microsoft Excel files

A development tool for building Azure SQL databases, Microsoft SQL Server relational databases, SQL Server Analysis Services (SSAS) data models, SQL Server Integration Services (SSIS) packages, and SQL Server Reporting Services (SSRS) reports

Answer:

Tools

- Azure Data Studio
- Microsoft SQL Server Data Tools (SSDT)
- Microsoft SQL Server Management Studio (SSMS)
- Microsoft Visual Studio Code

Answer Area

Microsoft

Microsoft SQL Server Data Tools (SSDT)

Azure Data Studio

Microsoft SQL Server Management Studio (SSMS)

Microsoft Visual Studio Code

A graphical tool for managing Azure SQL databases and viewing SQL execution plans

A Microsoft SQL Server extension that supports connections to SQL Server and provides a rich editing experience for T-SQL

A lightweight editor that can run on-demand SQL queries and view and save results as text, JSON, or Microsoft Excel files

A development tool for building Azure SQL databases, Microsoft SQL Server relational databases, SQL Server Analysis Services (SSAS) data models, SQL Server Integration Services (SSIS) packages, and SQL Server Reporting Services (SSRS) reports

NEW QUESTION: 39

match the Azure data factory components to the appropriate descriptions.

To answer, drag the appropriate component from the column on the left to its description on the right. Each component may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Components

- Dataset
- Linked service
- Mapping data flow
- Pipeline

Answer Area

Component

Component

Component

A representation of data structures within data stores

The information used to connect to external resources

A logical grouping of activities that performs a unit of work and can be scheduled

Answer:

Components

- Dataset
- Linked service
- Mapping data flow
- Pipeline

Answer Area

Dataset

Linked service

Pipeline

A representation of data structures within data stores

The information used to connect to external resources

A logical grouping of activities that performs a unit of work and can be scheduled

Reference:

<https://k21academy.com/microsoft-azure/dp-100/datastores-and-datasets-in-azure/>

<https://docs.microsoft.com/en-us/azure/data-factory/concepts-linked-services>

<https://docs.microsoft.com/en-us/azure/data-factory/concepts-pipelines-activities>

NEW QUESTION: 40

Which Azure storage solution provides native support for POSIX-compliant access control lists (ACLs)?

- A. Azure Files
- B. Azure table storage
- C. Azure Data Lake Storage
- D. Azure Queue storage

Answer: B (LEAVE A REPLY)

NEW QUESTION: 41

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input type="radio"/>	<input type="radio"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input checked="" type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input checked="" type="radio"/>	<input type="radio"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

<https://azure.microsoft.com/en-us/overview/what-is-paas>

<https://feedback.azure.com/forums/217321-sql-database/suggestions/6931152-please-add-ability-to-temporarily-turn-off-on-sql>

NEW QUESTION: 42

You have a table named Sales that contains the following data.

SalesDate	SalesAmount	ProductID
4-Apr-20	\$2,000	
5-Apr-20	\$40	
5-Apr-20	\$1,100	1
6-Apr-20	\$40	3
6-Apr-20	\$200	4

You need to query the table to return the average sales amount day. The output must produce the following results.

SalesDate	AVG(SalesAmount)
4-Apr-20	\$2,000
5-Apr-20	\$1,170
6-Apr-20	\$120

How should you complete the query? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

CREATE GROUP BY ORDER BY SELECT

Answer Area

Value SalesDate, AVG(SalesAmount)

FROM Sales

Value SalesDate

Answer:

Values

CREATE GROUP BY ORDER BY SELECT

Answer Area

SELECT SalesDate, AVG(SalesAmount)

FROM Sales

GROUP BY SalesDate

Reference:

<https://docs.microsoft.com/en-us/sql/t-sql/functions/avg-transact-sql>

NEW QUESTION: 43

To complete the sentence, select the appropriate option in the answer area.

In Azure Data Factory, you can use to orchestrate pipeline activities that depend on the output of other pipeline activities.

- a control flow
- a dataset
- a linked service
- an integration runtime

Answer:

In Azure Data Factory, you can use to orchestrate pipeline activities that depend on the output of other pipeline activities.

- a control flow
- a dataset
- a linked service
- an integration runtime

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/frequently-asked-questions>

NEW QUESTION: 44

When you create an Azure SQL database, which account can always connect to the database?

- A. the Azure Active Directory (Azure AD) account that created the database
- B. the server admin login account of the logical server
- C. the Azure Active Directory (Azure AD) administrator account
- D. the sa account

Answer: (SHOW ANSWER)

Section: Describe how to work with relational data on Azure

Explanation:

When you first deploy Azure SQL, you specify an admin login and an associated password for that login. This administrative account is called Server admin.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/single-database-create-quickstart>

NEW QUESTION: 45

For each of the following statements, select Yes if the statement is true. Otherwise select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory pipelines can execute other pipelines.	<input type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory pipelines can execute other pipelines.	<input checked="" type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION: 46

Which statement is an example of Data Manipulation Language (DML)?

- A. REVOKE
- B. DISABLE
- C. CREATE
- D. UPDATE

Answer: [\(SHOW ANSWER\)](#)

Data Manipulation Language (DML) affect the information stored in the database. Use these statements to insert, update, and change the rows in the database.

- BULK INSERT
- DELETE
- INSERT
- SELECT
- UPDATE
- MERGE

Reference:

<https://docs.microsoft.com/en-us/sql/t-sql/statements/statements>

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NEW QUESTION: 47

Match the types of analytics that can be used to answer the business questions.

To answer, drag the appropriate analytics type from the column on the left to its question on the right. Each analytics type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



Diagnostic	Why did sales increase last month?
Predictive	How do I allocate my budget to buy different inventory items?
Cognitive	Which people are mentioned in a company's business documents?

NEW QUESTION: 48

You have an Azure SQL database that you access directly from the internet.

You recently changed your external IP address.

After changing the IP address, you can no longer access the database. You can connect to other resources in Azure What is a possible cause of the issue?

- A. Dynamic Host Configuration Protocol (DHCP)
- B. Domain Name Service (DNS)
- C. role-based access control (RSAC)
- D. a database-level firewall

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 49

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently	<input type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs	<input type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently	<input checked="" type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs	<input checked="" type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity	<input type="radio"/>	<input checked="" type="radio"/>

Explanation

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently	<input type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs	<input type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity	<input type="radio"/>	<input type="radio"/>

Box 1: Yes

Compute is separate from storage, which enables you to scale compute independently of the data in your system.

Box 2: Yes

You can use the Azure portal to pause and resume the dedicated SQL pool compute resources. Pausing the data warehouse pauses compute. If your data warehouse was paused for the entire hour, you will not be charged compute during that hour.

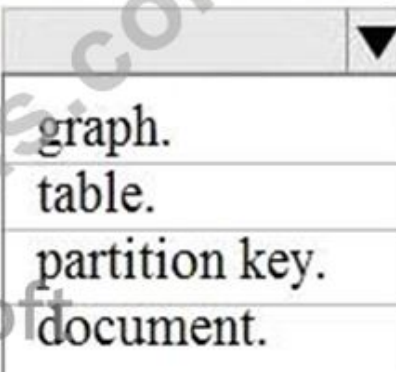
Box 3: No

Storage is sold in 1 TB allocations. If you grow beyond 1 TB of storage, your storage account will automatically grow to 2 TBs.

NEW QUESTION: 50

To complete the sentence, select the appropriate option in the answer area.


When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a



A screenshot of a dropdown menu. The menu is open, showing four options: "graph.", "table.", "partition key.", and "document.". The menu is positioned to the right of the text "When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a".

Answer:

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a



A screenshot of a dropdown menu, similar to the one above. The option "graph." is highlighted with a red rectangular box. The other options are "table.", "partition key.", and "document.". The menu is positioned to the right of the text "When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a".

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/create-graph-gremlin-console>

NEW QUESTION: 51

At which two levels can you set the throughput for an Azure Cosmos DB account? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. partition
- B. item
- C. database
- D. container

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 52

For each of the following statements. select Yes if the statement is true. Otherwise, select No.

NOTE Each correct selection is worth one point.

Statements	Yes	No
The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account.	<input type="radio"/>	<input type="radio"/>
Partition keys are used in Azure Cosmos DB to optimize queries.	<input type="radio"/>	<input type="radio"/>
Items contained in the same Azure Cosmos DB logical partition can have different partition keys.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account.	<input checked="" type="radio"/>	<input type="radio"/>
Partition keys are used in Azure Cosmos DB to optimize queries.	<input type="radio"/>	<input checked="" type="radio"/>
Items contained in the same Azure Cosmos DB logical partition can have different partition keys.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION: 53

To complete the sentence, select the appropriate option in the answer area.

Transparent Data Encryption (TDE) encrypts

a column to protect data at rest and in transit.
queries and their results in order to protect data in transit.
the database to protect data at rest.
the server to protect data at rest.

Answer:

Transparent Data Encryption (TDE) encrypts

a column to protect data at rest and in transit.
queries and their results in order to protect data in transit.
the database to protect data at rest.
the server to protect data at rest.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/transparent-data-encryption-tde-overview?tabs=azure-portal>

NEW QUESTION: 54

To complete the sentence, select the appropriate option in the answer area.

A relational database must be used when

a dynamic schema is required.
data will be stored as key/value pairs.
storing large images and videos.
strong consistency guarantees are required.

Answer:

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.**

NEW QUESTION: 55

To complete the sentence, select the appropriate option in the answer area.

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

Answer:

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

NEW QUESTION: 56

Match the types of visualizations to the appropriate descriptions.

To answer, drag the appropriate visualization type from the column on the left to its description on the right.

Each visualization type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Visualizations

- Key influencer
- Scatter
- Treemap

Answer Area

- Visualization: A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
- Visualization: A chart that displays the major contributors of a selected result or value.
- Visualization: A chart that shows the relationship between two numerical values.

Answer:

Visualizations

- Key influencer
- Scatter
- Treemap

Answer Area

- Treemap: A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
- Key influencer: A chart that displays the major contributors of a selected result or value.
- Scatter: A chart that shows the relationship between two numerical values.

Explanation

- Treemap: A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
- Key influencer: A chart that displays the major contributors of a selected result or value.
- Scatter: A chart that shows the relationship between two numerical values.

Box 1: Tree map

Treemaps are charts of colored rectangles, with size representing value. They can be hierarchical, with rectangles nested within the main rectangles.

Total Units Last Year by Category



Box 2: Key influencer

A key influencer chart displays the major contributors to a selected result or value.

Box 3: Scatter

Scatter and Bubble charts display relationships between 2 (scatter) or 3 (bubble) quantitative measures -- whether or not, in which order, etc.

NEW QUESTION: 57

You need to create an Azure Storage account.

Data in the account must replica outside the Azure region automatically.

Which two types of replica can you us for the storage account? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one pint.

- A. read-access geo-redundant storage (RA_GRS)
- B. zone-redundant storage (ZRS)
- C. geo-redundant storage (GRS)
- D. locally-redundant storage (LRS)

Answer: ([SHOW ANSWER](#))

Azure Storage offers two options for copying your data to a secondary region:

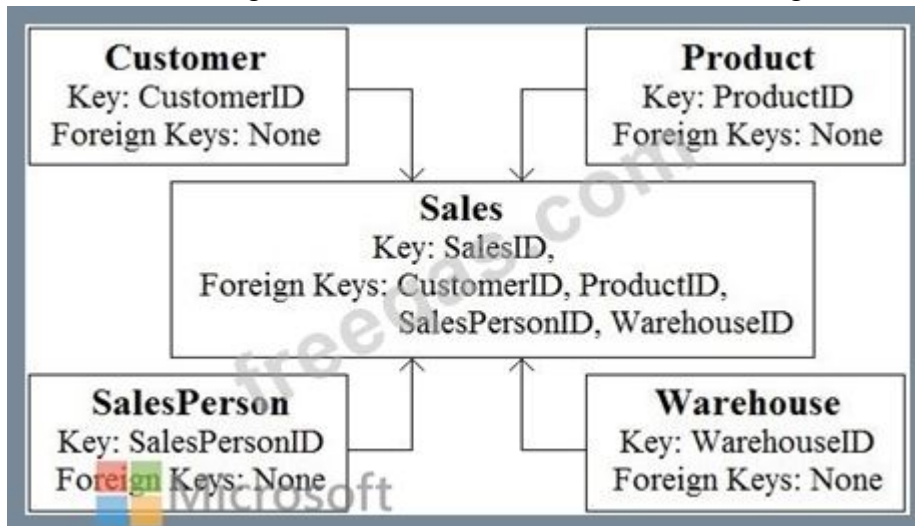
With GRS or GZRS, the data in the secondary region isn't available for read or write access unless there is a failover to the secondary region. For read access to the secondary region, configure your storage account to use read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy#redundancy-in-a-secondary-region>

NEW QUESTION: 58

You are reviewing the data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point

The data model is a [answer choice].

- transactional model
- star schema
- snowflake schema

Customer is a [answer choice] table.

- fact
- dimension
- bridge

Answer:

The data model is a [answer choice].

Customer is a [answer choice] table.

The data model is a [answer choice].

- transactional model
- star schema
- snowflake schema

Customer is a [answer choice] table.

- fact
- dimension
- bridge

NEW QUESTION: 59

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area		Statements	Yes	No
		Azure Table storage supports multiple read replicas.	<input type="radio"/>	<input type="radio"/>
		Azure Table storage supports multiple write regions.	<input type="radio"/>	<input type="radio"/>
		The Azure Cosmos DB Table API supports multiple read replicas.	<input type="radio"/>	<input type="radio"/>
		The Azure Cosmos DB Table API supports multiple write regions.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area		Statements	Yes	No
		Azure Table storage supports multiple read replicas.	<input checked="" type="radio"/>	<input type="radio"/>
		Azure Table storage supports multiple write regions.	<input type="radio"/>	<input checked="" type="radio"/>
		The Azure Cosmos DB Table API supports multiple read replicas.	<input checked="" type="radio"/>	<input type="radio"/>
		The Azure Cosmos DB Table API supports multiple write regions.	<input checked="" type="radio"/>	<input type="radio"/>

Section: Describe how to work with non-relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/high-availability>

NEW QUESTION: 60

To complete the sentence, select the appropriate option in the answer area.

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

Answer:

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

- enable the hierarchical namespace.
- set Account kind to BlobStorage.
- set Performance to Premium.
- set Replication to Read-access geo-redundant storage (RA-GRS).

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespace>

NEW QUESTION: 61

Match the security components to the appropriate scenarios.

To answer, drag the appropriate component from the column on the left to its scenario on the right. Each component may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Components	Answer Area
Authentication	<input type="text"/>
Firewall	<input type="text"/>
Encryption	<input type="text"/>

Prevent access to an Azure SQL database from another network.

Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.

Ensure that sensitive data never appears as plain text in an Azure SQL database.

Answer:

Components	Answer Area
Authentication	Firewall
Firewall	Authentication
Encryption	Encryption

Prevent access to an Azure SQL database from another network.

Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.

Ensure that sensitive data never appears as plain text in an Azure SQL database.

Firewall	Prevent access to an Azure SQL database from another network.
Authentication	Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.
Encryption	Ensure that sensitive data never appears as plain text in an Azure SQL database.

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<https://www.preppdf.com/Microsoft/DP-900-prepaway-exam-dumps.html> (300 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 62

You have an inventory management database that contains the following table.

ProductName	Quantity
Product1	100
Product2	129
Product3	176

Which statement should you use in a SQL query to change the inventory quantity of Product1 to 270?

- A. CREATE
- B. MERGE
- C. INSERT
- D. UPDATE

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 63

Which command-line tool can you use to query Azure SQL databases?

- A. sqlcmd
- B. bcp
- C. azdata
- D. Azure CLI

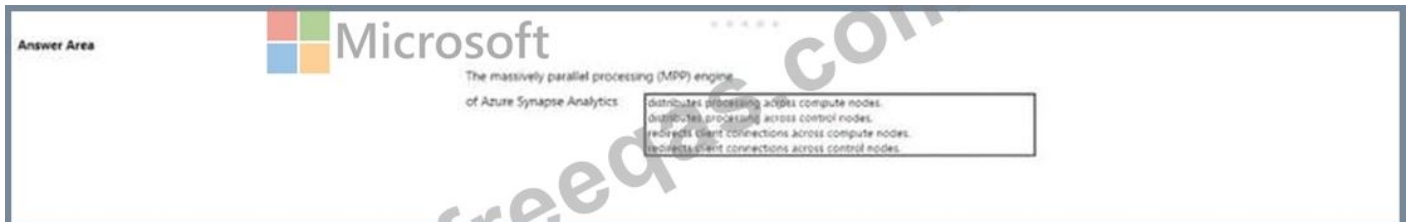
Answer: A ([LEAVE A REPLY](#))

Reference:

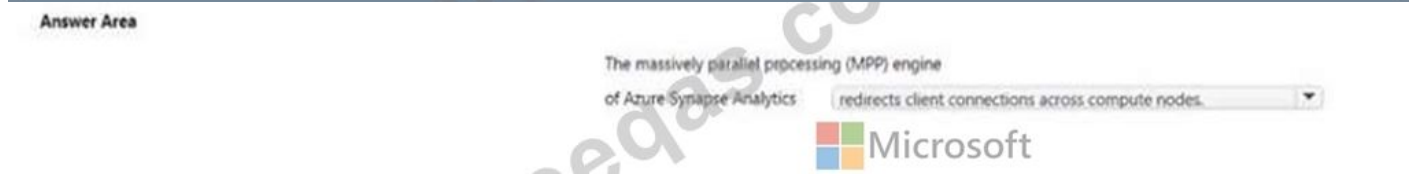
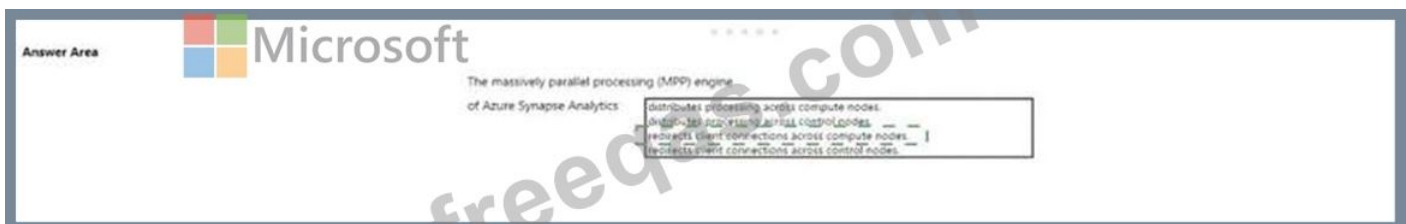
<https://docs.microsoft.com/en-us/azure/azure-sql/database/az-cli-script-samples-content-guide?tabs=singledatabase>

NEW QUESTION: 64

To complement the sentence, select the appropriate option in the answer area.



Answer:



NEW QUESTION: 65

You have the following SQL query.

```
INSERT INTO dbo.Products (ProductID, ProductName, Price, ProductDescription)
VALUES (1, 'Clamp', 12.48, 'Workbench clamp');
```

NOTE: Each correct selection is worth one point.

Answer Area



Dbo.Products: A column
 A database
 A table
 An index

ProductName: A column
 A database
 A table
 An index

Answer:

NEW QUESTION: 66

Match the types of workloads the appropriate scenario.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once or not at all.

NOTE: Each correct match is worth one point.

Answer:

NEW QUESTION: 67

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Batch processing can output data to a file store	<input type="radio"/>	<input type="radio"/>
Batch processing can output data to a relational database	<input type="radio"/>	<input type="radio"/>
Batch processing can output data to a NoSQL database	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Batch processing can output data to a file store	<input checked="" type="radio"/>	<input type="radio"/>
Batch processing can output data to a relational database	<input type="radio"/>	<input checked="" type="radio"/>
Batch processing can output data to a NoSQL database	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/big-data/batch-processing>

NEW QUESTION: 68

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Services

Azure Data Factory

Azure Data Lake Storage

Azure SQL Database

Azure Synapse Analytics

Answer Area

Output data to Parquet format.

Store data that is in Parquet format.

Persist a tabular representation of data that is stored in Parquet format.

Answer:

Azure Services

Azure Data Factory

Azure Data Lake Storage

Azure SQL Database

Azure Synapse Analytics

Answer Area

Azure Data Factory Output data to Parquet format.

Azure Data Lake Storage Store data that is in Parquet format.

Azure Synapse Analytics Persist a tabular representation of data that is stored in Parquet format.

NEW QUESTION: 69

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory	<input type="radio"/>	<input type="radio"/>
Azure Data Factory pipelines can execute other pipelines	<input type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory pipelines can execute other pipelines	<input checked="" type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://mrpaulandrew.com/2019/09/25/azure-data-factory-pipeline-hierarchies-generation-control/>

NEW QUESTION: 70

You have an Azure Cosmos DB account that uses the Core (SQL) API.

Which two settings can you configure at the container level? Each correct answer presents a complete solution. (Choose two.) NOTE: Each correct selection is worth one point.

- A. the throughput
- B. the read region
- C. the partition key
- D. the API

Answer: A,C (LEAVE A REPLY)

Reference:

<https://www.sqlshack.com/start-your-journey-with-azure-cosmos-db/>

NEW QUESTION: 71

You need to recommend a non-relational data store that is optimized for storing and retrieving files, videos, audio stream, and virtual disk images. The data store must store data, some metadata, and a unique ID for each file.

Which type of data store should you recommend?

- A. document
- B. key/value
- C. object
- D. columnar

Answer: (SHOW ANSWER)

Object storage is optimized for storing and retrieving large binary objects (images, files, video and audio streams, large application data objects and documents, virtual machine disk images). Large data files are also popularly used in this model, for example, delimiter file (CSV), parquet, and ORC. Object stores can manage extremely large amounts of unstructured data.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/guide/technology-choices/data-store-overview>

NEW QUESTION: 72

You have a quality assurance application that reads data from a data warehouse. Which type of processing does the application use?

- A. Online Transaction Processing (OLTP)
- B. batch processing
- C. Online Analytical Processing (OLAP)
- D. stream processing

Answer: A (LEAVE A REPLY)

Explanation

OLTP is designed to serve as a persistent data store for business or front-end applications. OLTP administers day to day transaction of an organization.

NEW QUESTION: 73

To complement the sentence, select the appropriate option in the answer area.

Answer Area

Microsoft

The massively parallel processing (MPP) engine of Azure Synapse Analytics

distributes processing across compute nodes.
distributes processing across control nodes.
redirects client connections across compute nodes.
redirects client connections across control nodes.

Answer:

Answer Area

Microsoft

The massively parallel processing (MPP) engine of Azure Synapse Analytics

distributes processing across compute nodes.
distributes processing across control nodes.
redirects client connections across compute nodes.
redirects client connections across control nodes.

NEW QUESTION: 74

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	<input type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input checked="" type="radio"/>	<input type="radio"/>

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	<input type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 75

To complete the sentence, select the appropriate option in the answer area.

Descriptive analytics tells you

- what is most likely to occur in the future.
- what occurred in the past.
- which actions you can perform to affect outcomes.
- why something occurred in the past.

Answer:

Descriptive analytics tells you

- what is most likely to occur in the future.
- what occurred in the past.
- which actions you can perform to affect outcomes.
- why something occurred in the past.


Reference:

<https://demand-planning.com/2020/01/20/the-differences-between-descriptive-diagnostic-predictive-cognitive-analytics/>

NEW QUESTION: 76

To complement the sentence, select the appropriate option in the answer area.

Answer Area



The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

Answer:

Answer Area



The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

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NEW QUESTION: 77

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:


Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

▼
enable the hierarchical namespace.
set Account kind to BlobStorage.
set Performance to Premium.
set Replication to Read-access geo-redundant storage (RA-GRS).

Answer:

Answer Area



To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

▼
enable the hierarchical namespace.
set Account kind to BlobStorage.
set Performance to Premium.
set Replication to Read-access geo-redundant storage (RA-GRS).

Section: Describe how to work with non-relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespace>

NEW QUESTION: 78

You have a table named Sales that contains the following data.

SalesDate	SalesAmount	ProductID
4-Apr-20	\$2,000	
5-Apr-20	\$40	2
5-Apr-20	\$2,300	1
6-Apr-20	\$40	3
6-Apr-20	\$200	4

You need to query the table to return the average sales amount day. The output must produce the following results.

SalesDate	AVG(SalesAmount)
4-Apr-20	\$2,000
5-Apr-20	\$1,170
6-Apr-20	\$120

How should you complete the query? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values: CREATE, GROUP BY, ORDER BY, SELECT

Answer Area: FROM Sales, Value SalesDate

Answer Area: SELECT SalesDate, AVG(SalesAmount)
FROM Sales
GROUP BY SalesDate

Answer:

Values: CREATE, GROUP BY, ORDER BY, SELECT

Answer Area: SELECT SalesDate, AVG(SalesAmount)
FROM Sales
GROUP BY SalesDate

Explanation

```
SELECT SalesDate, AVG(SalesAmount)
FROM Sales
GROUP BY SalesDate
```



Box 1: SELECT

Box 2: GROUP BY

Example:

When used with a GROUP BY clause, each aggregate function produces a single value covering each group, instead of a single value covering the whole table. The following example produces summary values for each sales territory in the AdventureWorks2012 database. The summary lists

the average bonus received by the sales people in each territory, and the sum of year-to-date sales for each territory.

```
SELECT TerritoryID, AVG(Bonus)as 'Average bonus', SUM(SalesYTD) as 'YTD sales' FROM Sales.SalesPerson GROUP BY TerritoryID;
```

NEW QUESTION: 79

To complete the sentence, select the appropriate option in the answer area.

Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation, _____

enable the hierarchical namespace
 set Account kind to BlobStorage
 set Performance to Premium
 set Replication to Read-access geo-redundant storage (RA-GRS)

Answer:

Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation, _____

enable the hierarchical namespace
 set Account kind to BlobStorage
 set Performance to Premium
 set Replication to Read-access geo-redundant storage (RA-GRS)

Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation, _____

set Account kind to BlobStorage

NEW QUESTION: 80

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input type="radio"/>	<input type="radio"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="checkbox"/>	<input type="checkbox"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input type="checkbox"/>	<input type="checkbox"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="checkbox"/>	<input type="checkbox"/>

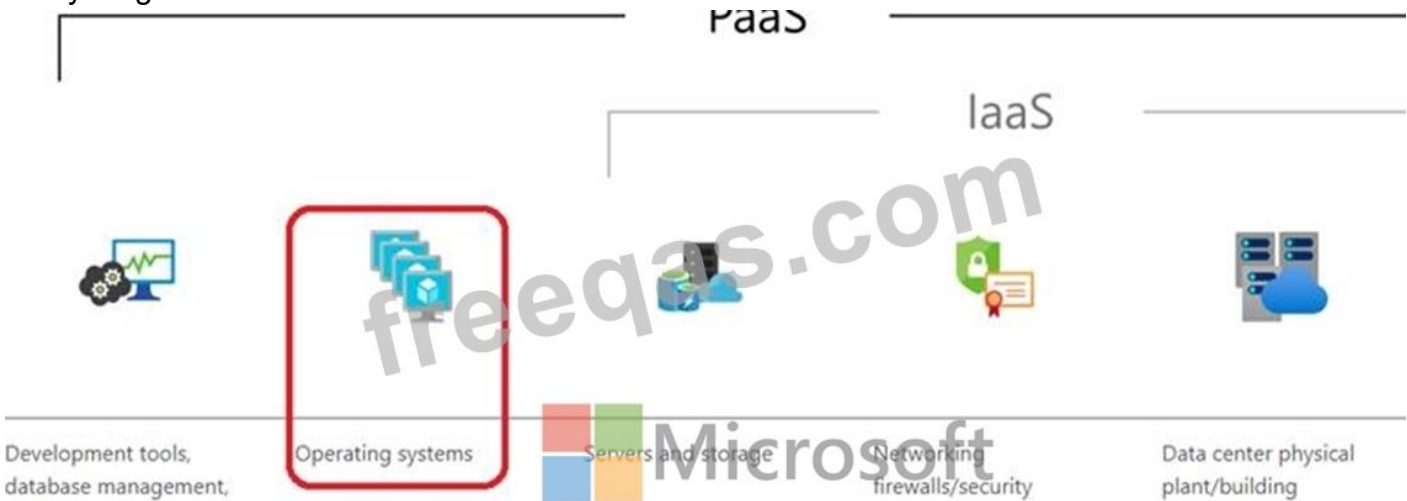
Explanation

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="checkbox"/>	<input type="checkbox"/>
Platform as a service (PaaS) database offerings in Azure provide administrators with the ability to control and update the operating system version.	<input type="checkbox"/>	<input type="checkbox"/>
All platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="checkbox"/>	<input type="checkbox"/>

Box 1: Yes

Like IaaS, PaaS includes infrastructure - servers, storage, and networking - but also middleware, development tools, business intelligence (BI) services, database management systems, and more. PaaS is designed to support the complete web application lifecycle: building, testing, deploying, managing, and updating.

PaaS allows you to avoid the expense and complexity of buying and managing software licenses, the underlying application infrastructure and middleware, container orchestrators such as Kubernetes, or the development tools and other resources. Box 2: Yes You manage the applications and services you develop, and the cloud service provider typically manages everything else.



Box 3: No

There really is no way to pause / stop billing for your Azure SQL Database.

Microsoft's official answer "Yes, you can export your database. Delete the Azure SQL database and that will pause billing. Then when you need it you can create a new database and import your previously exported DB."

NEW QUESTION: 81

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	<input type="radio"/>	<input type="radio"/>
Normalizing a database reduces data redundancy.	<input type="radio"/>	<input type="radio"/>
Normalization improves data integrity.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	<input type="radio"/>	<input checked="" type="radio"/>
Normalizing a database reduces data redundancy.	<input checked="" type="radio"/>	<input type="radio"/>
Normalization improves data integrity.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://www.sqlshack.com/what-is-database-normalization-in-sql-server/>

NEW QUESTION: 82

To complete the sentence, select the appropriate option in the answer area.

Transcribing audio files is an example of analytics

- cognitive
- descriptive
- predictive
- prescriptive

Answer:

Transcribing **audio** files is an example of analytics

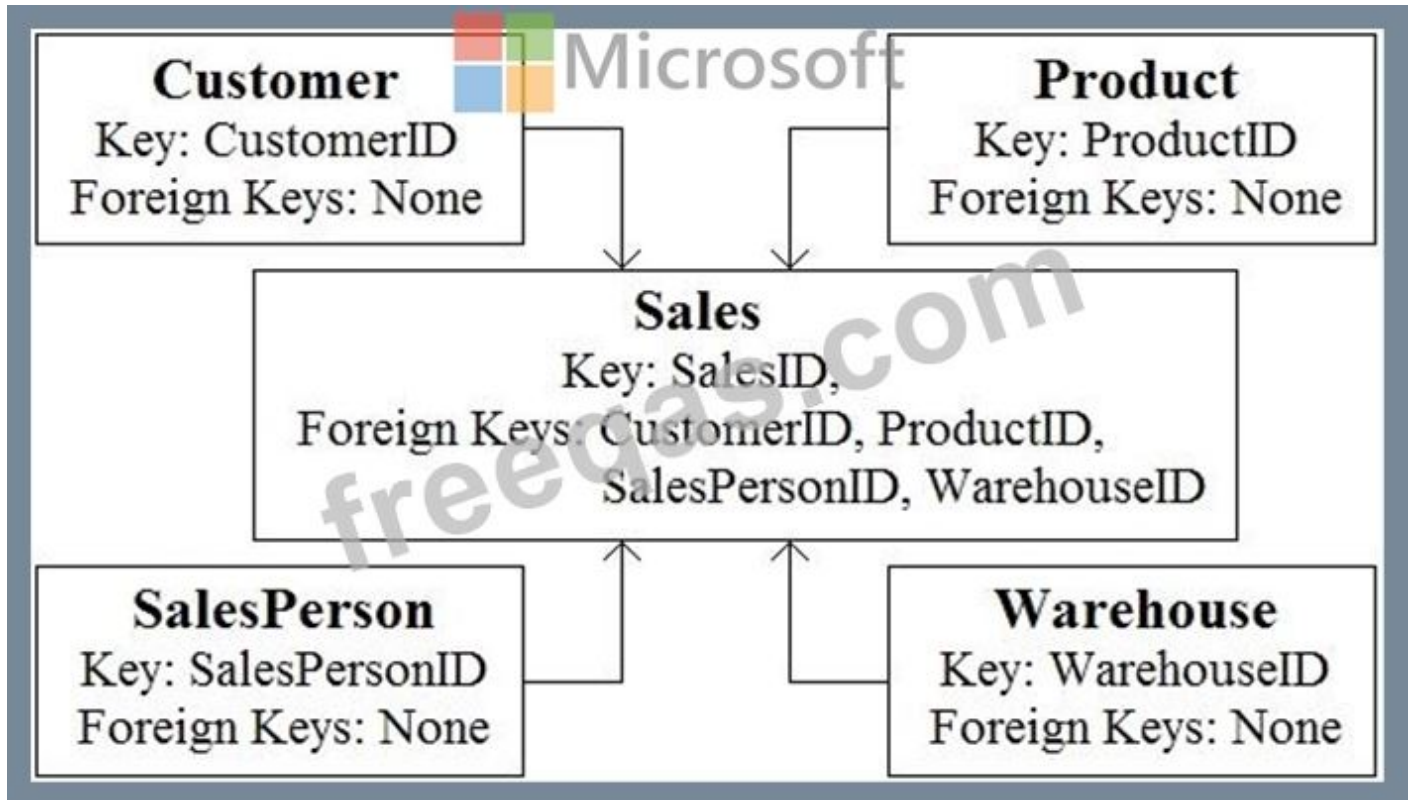
- cognitive
- descriptive
- predictive
- prescriptive

Reference:

<https://azure.microsoft.com/en-us/services/cognitive-services/speech-services/>

NEW QUESTION: 83


You are reviewing the data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point

The data model is a [answer choice].

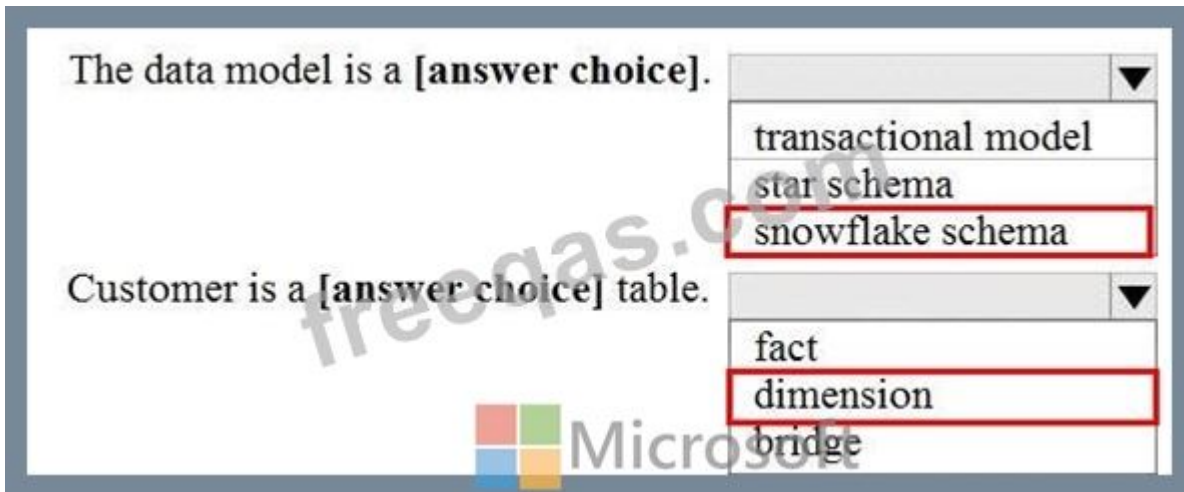


transactional model
star schema
snowflake schema

Customer is a [answer choice] table.

fact
dimension
bridge

Answer:



Reference:

https://en.wikipedia.org/wiki/Snowflake_schema

<https://azure.microsoft.com/en-us/blog/data-models-within-azure-analysis-services-and-power-bi/>

NEW QUESTION: 84

You need to perform hybrid transactional and analytical processing (HTAP) queries against Azure Cosmos DB data sources by using Azure Synapse Analytics.

What should you use?

- A. Synapse pipelines
- B. a Synapse SQL pool
- C. Synapse Link
- D. Synapse Studio

Answer: C (LEAVE A REPLY)

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/synapse-link>

NEW QUESTION: 85

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input type="radio"/>	<input type="radio"/>

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 86

To complete the sentence select the appropriate option in the answer area.

Answer Area

Transparent Data Encryption (TDE) encrypts _____

a column to protect data at rest and in transit.
 queries and their results in order to protect data in transit.
 the database to protect data at rest.
 the server to protect data at rest.

Answer:

Answer Area

Transparent Data Encryption (TDE) encrypts _____

a column to protect data at rest and in transit.
 queries and their results in order to protect data in transit.
 the database to protect data at rest.
 the server to protect data at rest.

NEW QUESTION: 87

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account.	<input type="radio"/>	<input type="radio"/>
Partition keys are used in Azure Cosmos DB to optimize queries.	<input type="radio"/>	<input type="radio"/>
Items contained in the same Azure Cosmos DB logical partition can have different partition keys.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account.	<input type="radio"/>	<input checked="" type="radio"/>
Partition keys are used in Azure Cosmos DB to optimize queries.	<input checked="" type="radio"/>	<input type="radio"/>
Items contained in the same Azure Cosmos DB logical partition can have different partition keys.	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/partitioning-overview>

NEW QUESTION: 88

What is a benefit of hosting a database on Azure SQL managed instance as compared to an Azure SQL database?

- A. system-initiated automatic backups
- B. built-in high availability
- C. native support for cross-database queries and transactions
- D. support for encryption at rest

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 89

You need to gather real-time telemetry data from a mobile application. Which type of workload describes this scenario?

- A. massively parallel processing (MPP)
- B. Online Transaction Processing (OLTP)
- C. batch
- D. streaming

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 90

Match the types of workloads to the appropriate scenarios.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Answer:

NEW QUESTION: 91

Match the types of analytics that can be used to answer the business questions.

To answer, drag the appropriate analytics type from the column on the left to its question on the right. Each analytics type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Answer:

Diagnostic	Why did sales increase last month?
Predictive	How do I allocate my budget to buy different inventory items?
Cognitive	Which people are mentioned in a company's business documents?

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NEW QUESTION: 92

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently	<input type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs	<input type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently	<input checked="" type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs	<input checked="" type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity	<input type="radio"/>	<input checked="" type="radio"/>

Reference:

<https://azure.microsoft.com/en-us/pricing/details/synapse-analytics/>

NEW QUESTION: 93

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Relational database tables contain columns and rows.	<input type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Relational database tables contain columns and rows.	<input checked="" type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input checked="" type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION: 94

Match the types of analytics that can be used to answer the business questions.

To answer, drag the appropriate analytics type from the column on the left to its question on the right. Each analytics type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Analytics Types

Cognitive	Descriptive	Diagnostic	Predictive	Prescriptive
-----------	-------------	------------	------------	--------------

Answer Area

Analytics Type	Why did sales increase last month?
Analytics Type	How do I allocate my budget to buy different inventory items?
Analytics Type	Which people are mentioned in a company's business documents?

Answer:

Analytics Types

Cognitive	Descriptive	Diagnostic	Predictive	Prescriptive
-----------	-------------	------------	------------	--------------

Answer Area

Diagnostic	Why did sales increase last month?
Descriptive	How do I allocate my budget to buy different inventory items?
Cognitive	Which people are mentioned in a company's business documents?

Reference:

<https://demand-planning.com/2020/01/20/the-differences-between-descriptive-diagnostic-predictive-cognitive-analytics/>

NEW QUESTION: 95

Which two Azure services can be used to provision Apache Spark clusters? Each correct answer presents a complete solution. (Choose two.) NOTE: Each correct selection is worth one point.

- A. Azure Databricks
- B. Azure HDInsight
- C. Azure Log Analytics
- D. Azure Time Series Insights

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 96

What is a benefit of hosting a database on Azure SQL managed instance as compared to an Azure SQL database?

- A. built-in high availability
- B. native support for cross-database queries and transactions
- C. system-initiated automatic backups
- D. support for encryption at rest

Answer: B (LEAVE A REPLY)

Section: Describe how to work with relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/features-comparison>

NEW QUESTION: 97

What should you use to build a Microsoft Power BI paginated report?

- A. Charticator
- B. Power BI Desktop
- C. the Power BI service
- D. Power BI Report Builder

Answer: (SHOW ANSWER)

Section: Describe an analytics workload on Azure

Explanation:

Power BI Report Builder is the standalone tool for authoring paginated reports for the Power BI service.

Reference:

<https://docs.microsoft.com/en-us/power-bi/paginated-reports/paginated-reports-report-builder-power-bi>

NEW QUESTION: 98

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.	<input type="radio"/>	<input type="radio"/>
You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.	<input type="radio"/>	<input type="radio"/>
You can use MySQL Workbench to query Azure Database for MariaDB databases.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.	<input type="checkbox"/>	<input type="radio"/>
You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.	<input type="checkbox"/>	<input type="radio"/>
You can use MySQL Workbench to query Azure Database for MariaDB databases.	<input type="checkbox"/>	<input type="radio"/>

Statements	Yes	No
You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.	<input checked="" type="radio"/>	<input type="radio"/>
You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.	<input checked="" type="radio"/>	<input type="radio"/>
You can use MySQL Workbench to query Azure Database for MariaDB databases.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 99

To complete the sentence select the appropriate option in the answer area.

Answer Area

Transparent Data Encryption (TDE) encrypts _____

a column to protect data at rest and in transit.
 queries and their results in order to protect data in transit.
 the database to protect data at rest.
 the server to protect data at rest.



Answer:

Answer Area

Transparent Data Encryption (TDE) encrypts _____

a column to protect data at rest and in transit.
 queries and their results in order to protect data in transit.
 the database to protect data at rest.
 the server to protect data at rest.



NEW QUESTION: 100

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Services

Answer Area

Output data to Parquet format.
 Store data that is in Parquet format.
 Persist a tabular representation of data that is stored in Parquet format.



Answer:

Azure Services

Answer Area

Output data to Parquet format.
 Store data that is in Parquet format.
 Persist a tabular representation of data that is stored in Parquet format.



NEW QUESTION: 101

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	<input type="radio"/>	<input type="radio"/>
If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	<input type="radio"/>	<input type="radio"/>
If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.	<input type="radio"/>	<input type="radio"/>



Answer:

Answer Area

Microsoft

Statements

If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.

If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.

If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.

Yes

No

Explanation

Statements	Yes	No
If you have a platform as a service (PaaS) database in Azure, you are responsible for applying operating system updates.	<input type="radio"/>	<input checked="" type="radio"/>
If you have a platform as a service (PaaS) database in Azure, backups are performed automatically.	<input checked="" type="radio"/>	<input type="radio"/>
If you have a platform as a service (PaaS) database in Azure, you are responsible for upgrading the database engine.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No

Microsoft handles all patching and updating of the SQL and operating system code. You don't have to manage the underlying infrastructure.

Box 2: Yes

SQL Database is a fully managed service that has built-in high availability, backups, and other common maintenance operations.

Box 3: No

NEW QUESTION: 102

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of _____ analytics.

cognitive
 descriptive
 predictive
 prescriptive

Microsoft

Answer:

Answer Area

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of _____ analytics.

cognitive
 descriptive
 predictive
 prescriptive

Microsoft

NEW QUESTION: 103

Match the tools to the appropriate descriptions.

To answer, drag the appropriate tool from the column on the left to its description on the right.

Each tool may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Answer:

NEW QUESTION: 104

Your company plans to load data from a customer relationship management (CRM) system to a data warehouse by using an extract load, and transform (ELT) process.

Where does data processing occur for each stage of the ELT process? To answer, drag the appropriate locations to the correct. Each location may be used once, or not at all, You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer:

NEW QUESTION: 105

You need to create an Azure Storage account.

Data in the account must replicate outside the Azure region automatically.

Which two types of replication can you use for the storage account? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. zone-redundant storage (ZRS)
- B. read-access geo-redundant storage (RA-GRS)
- C. locally-redundant storage (LRS)
- D. geo-redundant storage (GRS)

Answer: B,D (LEAVE A REPLY)

Section: Describe core data concepts

Explanation:

D: Azure Storage offers two options for copying your data to a secondary region:

- * Geo-redundant storage (GRS)
- * Geo-zone-redundant storage (GZRS)

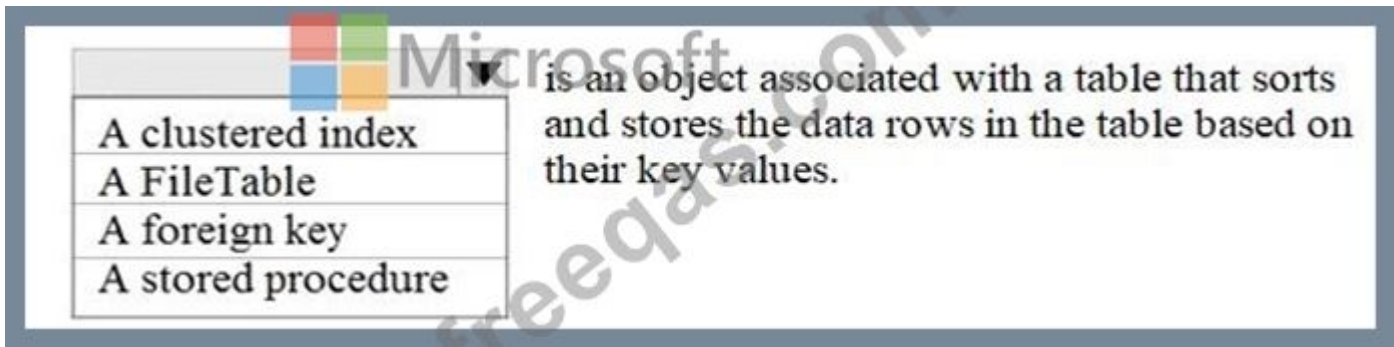
B: With GRS or GZRS, the data in the secondary region isn't available for read or write access unless there is a failover to the secondary region. For read access to the secondary region, configure your storage account to use read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy#redundancy-in-a-secondary-region>

NEW QUESTION: 106

To complete the sentence, select the appropriate option in the answer area.



Answer:



Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/indexes/clustered-and-nonclustered-indexes-described?view=sql-server-ver15>

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NEW QUESTION: 107

You have a SQL pool in Azure Synapse Analytics that is only used actively every night for eight hours.

You need to minimize the cost of the SQL pool during idle times. The solution must ensure that the data remains intact.

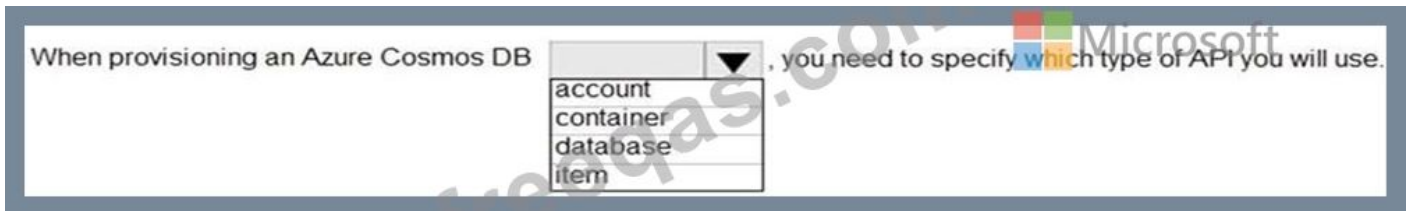
What should you do on the SQL pool?

- A. Scale down the data warehouse units (DWUs).
- B. Create a user-defined restore point.
- C. Pause the pool.
- D. Delete the pool

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 108

To complete the sentence, select the appropriate option in the answer area.



Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/create-cosmosdb-resources-portal>

NEW QUESTION: 109

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
When ingesting data from Azure Data Lake Storage across Azure regions, you will incur costs for bandwidth.	<input type="radio"/>	<input type="radio"/>
You can use blob, table, and file storage in the same Azure Storage account.	<input type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
When ingesting data from Azure Data Lake Storage across Azure regions, you will incur costs for bandwidth.	<input checked="" type="radio"/>	<input type="radio"/>
You can use blob, table, and file storage in the same Azure Storage account.	<input type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-get-started-portal>

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview>

<https://azure.microsoft.com/en-us/pricing/details/bandwidth/>

NEW QUESTION: 110

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Table storage supports multiple read replicas.	<input type="radio"/>	<input type="radio"/>
Azure Table storage supports multiple write regions.	<input type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple read replicas.	<input type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple write regions.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure Table storage supports multiple read replicas.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Table storage supports multiple write regions.	<input type="radio"/>	<input checked="" type="radio"/>
The Azure Cosmos DB Table API supports multiple read replicas.	<input checked="" type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple write regions.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/high-availability>

NEW QUESTION: 111

Which statement is an example of Data Manipulation Language (DML).

- A. INSERT
- B. DISABLE
- C. ALTER
- D. DROP

Answer: A (LEAVE A REPLY)

Data Manipulation Language (DML) statements:

- DELETE
- INSERT
- UPDATE

Reference:

<https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/sql-data-warehouse-reference-tsql-statements>

NEW QUESTION: 112

You need to develop a solution to provide data to executives. The solution must provide an interactive graphical interface, depict various key performance indicators, and support data exploration by using drill down.

What should you use in Microsoft Power BI?

- A. a dashboard
- B. a report
- C. a dataflow
- D. Microsoft Power Apps

Answer: B (LEAVE A REPLY)

Section: Describe an analytics workload on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-dashboards>

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-kpi>

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-drill>

NEW QUESTION: 113

You need to recommend a data store service that meets the following requirements:

Native SQL API access

Configurable indexes

What should you recommend?

- A. Azure Blob storage
- B. Azure Cosmos DB
- C. Azure Table storage
- D. Azure Files

Answer: B (LEAVE A REPLY)

NEW QUESTION: 114

Match the types of visualizations to the appropriate descriptions.

To answer, drag the appropriate visualization type from the column on the left to its description on the right. Each visualization type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Visualizations	Answer Area
Key influencer	Visualization A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
Scatter	Visualization A chart that displays the major contributors of a selected result or value.
Treemap	Visualization A chart that shows the relationship between two numerical values.

Answer:

Visualizations

- Key influencer
- Scatter
- Treemap

Answer Area

- Treemap: A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
- Key influencer: A chart that displays the major contributors of a selected result or value.
- Scatter: A chart that shows the relationship between two numerical values.

NEW QUESTION: 115

Match the Azure services to the appropriate locations in the architecture.

To answer, drag the appropriate service from the column on the left to its location on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Locations

- Azure Analysis Services
- Azure Cosmos DB
- Azure Data Factory
- Azure Synapse Analytics
- Azure Table storage

Answer Area

```

    graph LR
      SQL[SQL Server] --> ETL[Extract Transform Load (ETL)]
      SAP[SAP HANA] --> ETL
      Azure[Azure Cosmos DB] --> ETL
      ETL --> DW[Data warehouse]
  
```

Answer:

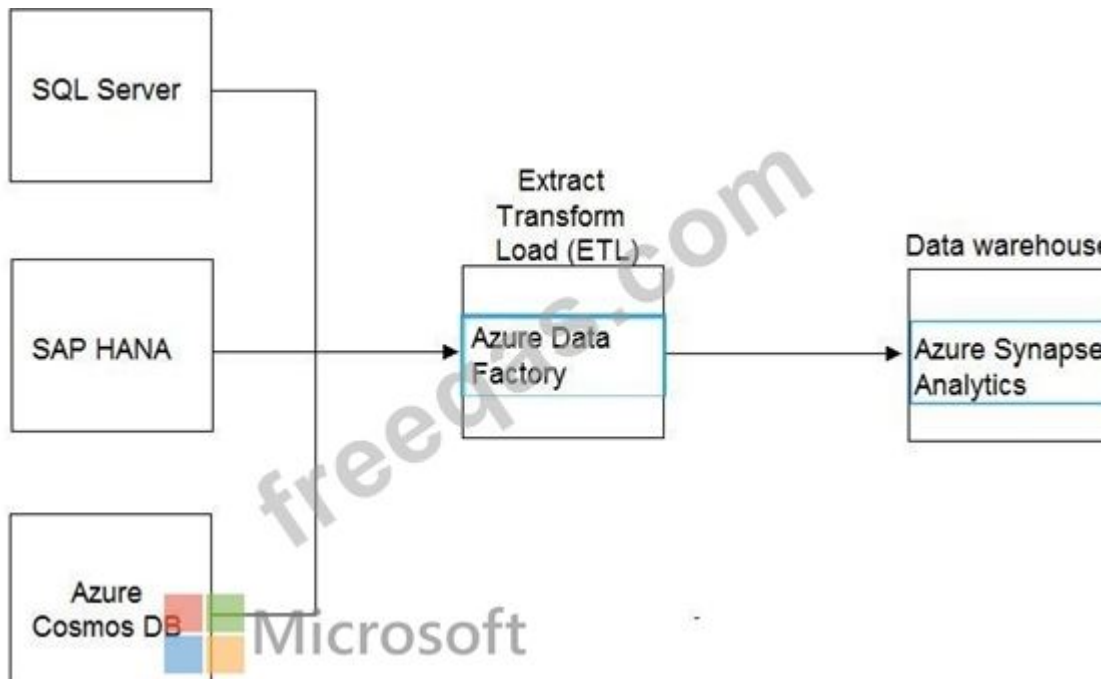
Locations

- Azure Analysis Services
- Azure Cosmos DB
- Azure Data Factory
- Azure Synapse Analytics
- Azure Table storage

Answer Area

```

    graph LR
      SQL[SQL Server] --> ETL[Azure Data Factory]
      SAP[SAP HANA] --> ETL
      Azure[Azure Cosmos DB] --> ETL
      ETL --> DW[Azure Synapse Analytics]
  
```



NEW QUESTION: 116

Match the types of activities to the appropriate Azure Data Factory activities.

To answer, drag the appropriate activity type from the column on the left to its Data Factory activity on the right. Each activity type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Activity Types	Answer Area
Control	<input type="text"/> Copy
Data movement	<input type="text"/> Mapping data flow
Data transformation	<input type="text"/> Until

Answer:

Activity Types	Answer Area
Control	<input type="text"/> Copy
Data movement	<input type="text"/> Mapping data flow
Data transformation	<input type="text"/> Until

The correct matches are: Control to Until, Data movement to Mapping data flow, and Data transformation to Copy.

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/concepts-pipelines-activities#data-transformation-activities>

NEW QUESTION: 117

Your company needs to design a database that shows how changes traffic in one area of a network affect other components on the network.

Which type of data store should you use?

- A. Key/value
- B. Graph
- C. Document
- D. columnar

Answer: (SHOW ANSWER)

Data as it appears in the real world is naturally connected. Traditional data modeling focuses on defining entities separately and computing their relationships at runtime. While this model has its advantages, highly connected data can be challenging to manage under its constraints.

A graph database approach relies on persisting relationships in the storage layer instead, which leads to highly efficient graph retrieval operations. Azure Cosmos DB's Gremlin API supports the property graph model.

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/graph-introduction#introduction-to-graph-databases>

NEW QUESTION: 118

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A Microsoft Power BI dashboard is associated with a single workspace.	<input type="radio"/>	<input type="radio"/>
A Microsoft Power BI dashboard can only display visualizations from a single dataset.	<input type="radio"/>	<input type="radio"/>
A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
A Microsoft Power BI dashboard is associated with a single workspace.	<input type="radio"/>	<input checked="" type="radio"/>
A Microsoft Power BI dashboard can only display visualizations from a single dataset.	<input type="radio"/>	<input checked="" type="radio"/>
A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-across-workspaces>

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-dashboards>

<https://powerbi.microsoft.com/en-us/excel-and-power-bi/>

NEW QUESTION: 119

You need to ensure that users use multi-factor authentication (MFA) when connecting to an Azure SQL database.

Which type of authentication should you use?

- A. service principal authentication
- B. Azure Active Directory (Azure AD) authentication
- C. SQL authentication
- D. certificate authentication

Answer: ([SHOW ANSWER](#))

Section: Describe how to work with relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/authentication-mfa-ssms-overview>

NEW QUESTION: 120

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy.

To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-create-file-share>

NEW QUESTION: 121

To complete the sentence, select the appropriate option in the answer area.

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

- graph.
- table.
- partition key.
- document.

Answer:

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a



- graph.
- table.
- partition key.
- document.

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

- graph.
- table.
- partition key.
- document.

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NEW QUESTION: 122

To complete the sentence, select the appropriate option in the answer area.

An extract, load, and transform (ELT) process requires

- a separate transformation engine.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- a data pipeline that includes a transformation engine.

Answer:

An extract, load, and transform (ELT) process requires

- a separate transformation engine.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- a data pipeline that includes a transformation engine.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/etl>

NEW QUESTION: 123

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy.

To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Storage account, File share, File system, Level, Level

Answer:

Azure Storage account, File share, File system, Azure Storage account, File share

Reference:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-create-file-share>

NEW QUESTION: 124

Which clause should you use in a select statement to combine rows in one table with rows in another table?

- A. JOIN
- B. set
- C. VALUES
- D. KEY

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 125

Match the types of data to the appropriate Azure data services.

To answer, drag the appropriate data types from the column on the left to its service on the right. Each data type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Data Types

Image files	Key/value pairs
Relationships between employees	

Answer Area

Data Type	Azure Blob storage
Data Type	Azure Cosmos DB Gremlin API
Data Type	Azure Table storage

Answer:

Data Types

Image files	Key/value pairs
Relationships between employees	

Answer Area

Image files	Azure Blob storage
Key/value pairs	Azure Cosmos DB Gremlin API
Relationships between employees	Azure Table storage

Reference:

<https://docs.microsoft.com/en-us/azure/storage/tables/table-storage-design-modeling>

NEW QUESTION: 126

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A key/value data store is optimized for

enforcing constraints.
simple lookups.
table joins.
transactions.

Answer:

Answer Area

A key/value data store is optimized for

enforcing constraints.
simple lookups.
table joins.
transactions.

NEW QUESTION: 127

To complete the sentence, select the appropriate option in the answer area.

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of _____ analytics.

- cognitive
- descriptive
- predictive
- prescriptive

Answer:

A visualization that shows a university's current student enrollment versus the maximum capacity is an example of _____ analytics.

- cognitive
- descriptive
- predictive
- prescriptive



Reference:

<https://azure.microsoft.com/en-us/blog/answering-whats-happening-whys-happening-and-what-will-happen-with-iot-analytics/>

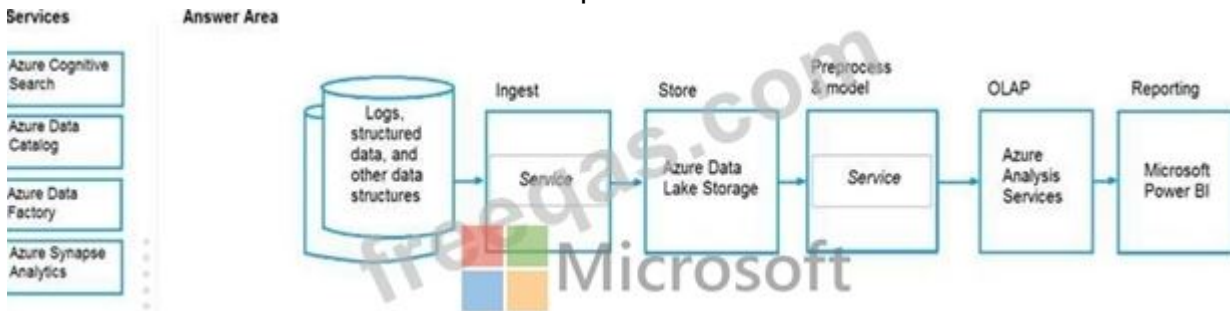
NEW QUESTION: 128

Match the Azure services to the appropriate locations in the architecture.

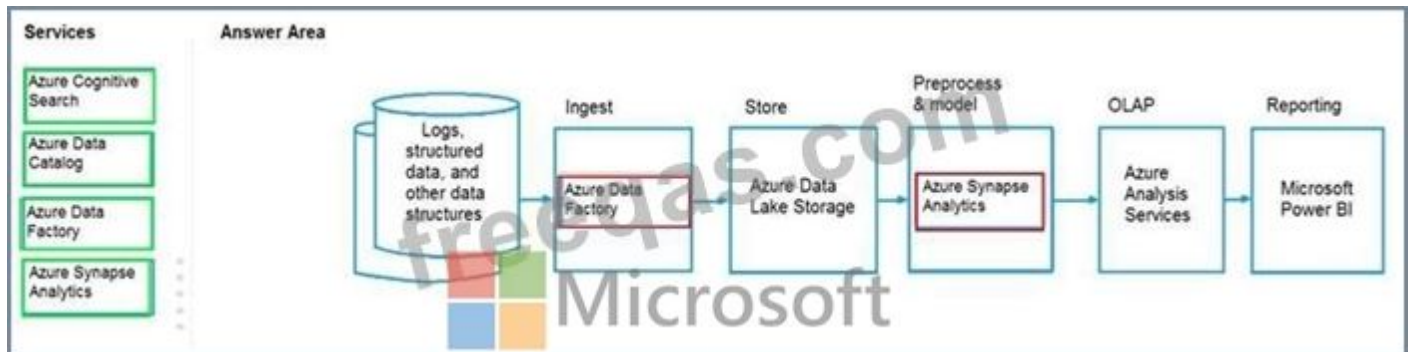
To answer, drag the appropriate service from the column on the left to its location on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/how-to-data-ingest-adf>

<https://docs.microsoft.com/en-us/azure/machine-learning/team-data-science-process/sqldw-walkthrough>

NEW QUESTION: 129

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Relational database tables contain columns and rows.	<input type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
Relational database tables contain columns and rows.	<input checked="" type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input type="radio"/>	<input checked="" type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/tables/tables>

<https://docs.microsoft.com/en-us/sql/relational-databases/indexes/clustered-and-nonclustered-indexes-described>

<https://docs.microsoft.com/en-us/sql/relational-databases/views/views?view=sql-server-ver15>

NEW QUESTION: 130

For each of the following statements, select yes if the statement is true, Otherwise, select No.

Note: Each correct selection is worth one point.

Statements	Yes	No
Batch processing can output data to a file store.	<input type="radio"/>	<input type="radio"/>
Batch processing can output data to a relational database.	<input type="radio"/>	<input type="radio"/>
Batch processing can output data to a NoSQL database.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Batch processing can output data to a file store.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Batch processing can output data to a relational database.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Batch processing can output data to a NoSQL database.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Answer Area

Microsoft

Statements

Batch processing can output data to a file store. Yes No

Batch processing can output data to a relational database. Yes No

Batch processing can output data to a NoSQL database. Yes No

NEW QUESTION: 131

To complete the sentence, select the appropriate option in the answer area.

Batch workloads

process data in memory, row-by-row.

collect and process data at most once a day.

process data as new data is received in near real-time.

collect data and then process the data when a condition is met.

Answer:

Batch workloads

process data in memory, row-by-row.

collect and process data at most once a day.

process data as new data is received in near real-time.

collect data and then process the data when a condition is met.

Batch workloads

process data in memory, row-by-row.

collect and process data at most once a day.

process data as new data is received in near real-time.

collect data and then process the data when a condition is met.

NEW QUESTION: 132

What are three characteristics of an Online Transaction Processing (OLTP) workload? Each correct answer presents a complete solution. (Choose three.) NOTE: Each correct selection is worth one point.

- A. denormalized data
- B. heavy writes and moderate reads
- C. light writes and heavy reads
- D. schema on write
- E. schema on read
- F. normalized data

Answer: B,D,E (LEAVE A REPLY)

Section: Describe an analytics workload on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/online-transaction-processing>

NEW QUESTION: 133

Your company is designing a data store that will contain student data. The data has the following format.

StudentNumber	StudentInformation
7634634	First name: Ben Last: Smith Preferred Name: Benjamin
7634634	First Name: Dominik Last Name: Paiha Email Address: dpaiha@contoso.com MCP ID: 931817
7634636	First Name: Reshma Last Name: Patel Phone number: 514-555-1101
7634637	First Name: Yun-Feng Last Name: Peng

Which type of data store should you use?

- A. object
- B. key/value
- C. graph
- D. columnar

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 134

You need to use Transact-SQL to query files in Azure Data Lake Storage from an Azure Synapse Analytics data warehouse.

What should you use to query the files?

- A. Azure Functions
- B. PolyBase
- C. Microsoft SQL Server Integration Services (SSIS)
- D. Azure Data Factory

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 135

You need to recommend a data store service that meets the following requirements:

- Native SQL API access
- Configurable indexes

What should you recommend?

- A. Azure Files
- B. Azure Blob storage
- C. Azure Table storage
- D. Azure Cosmos DB

Answer: (SHOW ANSWER)

Azure Cosmos DB comes with native Core (SQL) API support.

In Azure Cosmos DB, data is indexed following indexing policies that are defined for each container. The default indexing policy for newly created containers enforces range indexes for any string or number. This policy can be overridden with your own custom indexing policy.

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/sql/how-to-manage-indexing-policy>

NEW QUESTION: 136

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Services

- Azure Data Factory
- Azure Data Lake Storage
- Azure SQL Database
- Azure Synapse Analytics

Answer Area

- Output data to Parquet format.
- Store data that is in Parquet format.
- Persist a tabular representation of data that is stored in Parquet format.

Answer:

Azure Services

- Azure Data Factory
- Azure Data Lake Storage
- Azure SQL Database
- Azure Synapse Analytics

Answer Area

- Azure Data Factory
- Azure Data Lake Storage
- Azure Synapse Analytics

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<https://www.preppdf.com/Microsoft/DP-900-prepaway-exam-dumps.html> (300 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 137

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy.

To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:



NEW QUESTION: 138

To complete the sentence, select the appropriate option in the answer area.

Answer Area

You can query a graph database in Azure Cosmos DB

- as a JSON document by using a SQL-like language.
- as a partitioned row store by using Cassandra Query Language (CQL).
- as a partitioned row store by using Language-Integrated Query (LINQ).
- as nodes and edges by using the Gremlin language.

Answer:

Answer Area

You can query a graph database in Azure Cosmos DB

- as a JSON document by using a SQL-like language.
- as a partitioned row store by using Cassandra Query Language (CQL).
- as a partitioned row store by using Language-Integrated Query (LINQ).
- as nodes and edges by using the Gremlin language.

NEW QUESTION: 139

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	<input type="radio"/>	<input type="radio"/>
Azure SQL managed instance supports user-created backups.	<input type="radio"/>	<input type="radio"/>
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL managed instance supports user-created backups.	<input type="radio"/>	<input checked="" type="radio"/>
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 140

Your company plans to load data from a customer relationship management (CRM) system to a data warehouse by using an extract load, and transform (ELT) process.

Where does data processing occur for each stage of the ELT process? To answer, drag the appropriate locations to the correct. Each location may be used once, or not at all, You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Locations

- An in-memory data integration tool
- The CRM system
- The data warehouse

Answer Area

Extract: Location

Load: Location

Transform: Location

Answer:

Locations

- An in-memory data integration tool
- The CRM system
- The data warehouse

Answer Area

Extract: The CRM system

Load: The data warehouse

Transform: An in-memory data integration tool

Explanation

Extract: The CRM system

Load: The data warehouse

Transform: An in-memory data integration tool

Box 1: The CRM system

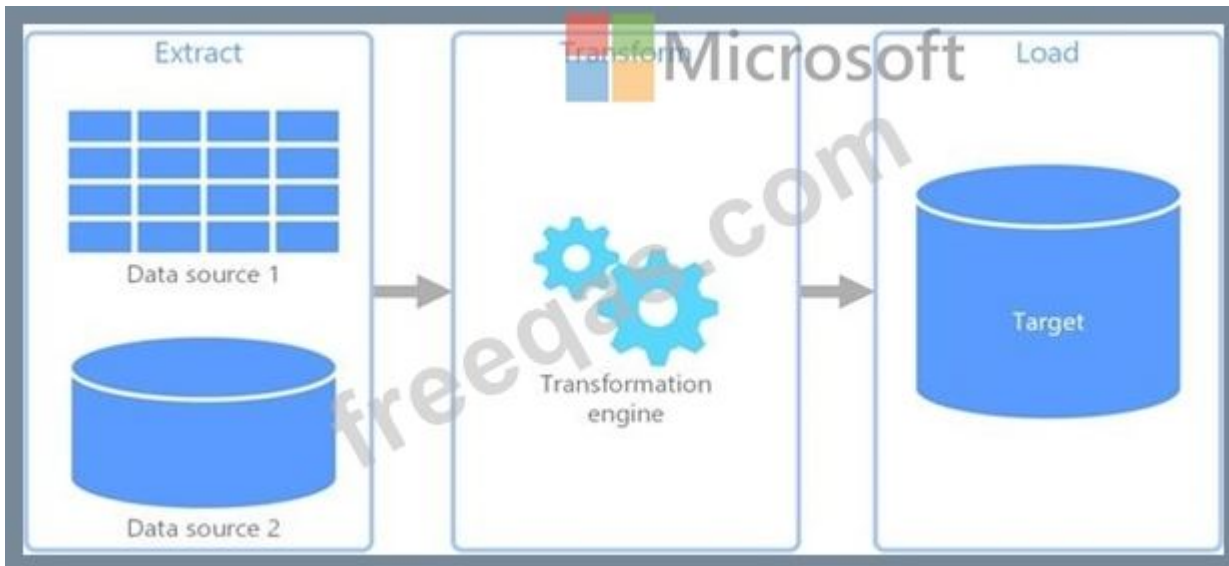
Data is extracted from the CRM system.

Box 2: The data warehouse

Data is loaded to the data warehouse.

Box 3: An in-memory data integration tool

The data transformation that takes place usually involves various operations, such as filtering, sorting, aggregating, joining data, cleaning data, deduplicating, and validating data.



NEW QUESTION: 141

Match the types of workloads the appropriate scenario.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once or not at all.

NOTE: Each correct match is worth one point.

Workload Types	Answer Area
Batch	Workload Type: Data for a product catalog will be loaded every 12 hours to a data warehouse.
Micro-batch	Workload Type: Data for online purchases will be loaded to a data warehouse as the purchases occur.
Streaming	Workload Type: Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.

Answer:

Workload Types	Answer Area
Batch	Batch: Data for a product catalog will be loaded every 12 hours to a data warehouse.
Micro-batch	Micro-batch: Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.
Streaming	Streaming: Data for online purchases will be loaded to a data warehouse as the purchases occur.

NEW QUESTION: 142

Match the types of data to the appropriate Azure data services.

To answer, drag the appropriate data types from the column on the left to its service on the right. Each data type may be used once, more than once, or not at all.

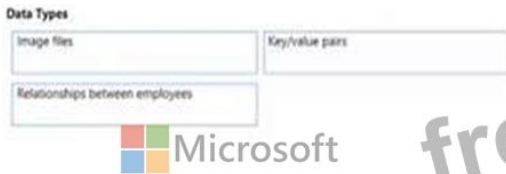
NOTE: Each correct match is worth one point.

Data Types	Answer Area
Image files	Data Type: Azure Blob storage
Relationships between employees	Data Type: Azure Cosmos DB Gremlin API
Key/value pairs	Data Type: Azure Table storage

Answer:



Explanation



Box 1: Image files

Azure Blob storage is suitable for image files.

Box 2:Key/value pairs


Azure CosmosDB table API is a key-value storage hosted in the cloud.

Box 3: Relationship between employees

One-to-many relationships between business domain objects occur frequently: for example, one department has many employees. There are several ways to implement one-to-many relationships in the Azure Table service.

NEW QUESTION: 143

To complete the sentence, select the appropriate option in the answer area.

Descriptive  analytics tells you ▼

- what is most likely to occur in the future.
- what occurred in the past.
- which actions you can perform to affect outcomes.
- why something occurred in the past.

Answer:

Descriptive analytics tells you ▼

- what is most likely to occur in the future.
- what occurred in the past.
- which actions you can perform to affect outcomes.
- why something occurred in the past.

Descriptive analytics tells you ▼

- what is most likely to occur in the future.
- what occurred in the past.
- which actions you can perform to affect outcomes.
- why something occurred in the past.

NEW QUESTION: 144

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A Microsoft Power BI dashboard is associated with a single workspace.	<input type="radio"/>	<input type="radio"/>
A Microsoft Power BI dashboard can only display visualizations from a single dataset.	<input type="radio"/>	<input type="radio"/>
A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
A Microsoft Power BI dashboard is associated with a single workspace.	<input type="radio"/>	<input checked="" type="radio"/>
A Microsoft Power BI dashboard can only display visualizations from a single dataset.	<input type="radio"/>	<input checked="" type="radio"/>
A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-across-workspaces>

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-dashboards>

<https://powerbi.microsoft.com/en-us/excel-and-power-bi/>

NEW QUESTION: 145

Match the terms to the appropriate descriptions.

To answer, drag the appropriate term from the column on the left to its description on the right.

Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Terms	Answer Area
<input type="text" value="Index"/>	<input type="text"/> A database object that holds data
<input type="text" value="View"/>	<input type="text"/> A database object whose content is defined by a query
<input type="text" value="Table"/>	<input type="text"/> A database object that helps improve the speed of data retrieval

Answer:

Terms

Index

View

Table

Answer Area

Table A database object that holds data

View A database object whose content is defined by a query

Index A database object that helps improve the speed of data retrieval

Reference:

[https://en.wikipedia.org/wiki/Table_\(database\)#:~:text=A%20table%20is%20a%20collection,table%20format%20within%20a%20database.&text=In%20relational%20databases%2C%20and%20flat,a%20row%20and%20column%20intersect.](https://en.wikipedia.org/wiki/Table_(database)#:~:text=A%20table%20is%20a%20collection,table%20format%20within%20a%20database.&text=In%20relational%20databases%2C%20and%20flat,a%20row%20and%20column%20intersect.)

[https://en.wikipedia.org/wiki/View_\(SQL\)](https://en.wikipedia.org/wiki/View_(SQL))

https://en.wikipedia.org/wiki/Database_index#:~:text=A%20database%20index%20is%20a,maintain%20the%20index%20data%20structure.

NEW QUESTION: 146

To complete the sentence, select the appropriate option in the answer area.

Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation:

enable the hierarchical namespace

set Account kind to BlobStorage

set Performance to Premium

set Replication to Read-Access (RA-GRS)

set Replication to Read-Access (RA-GRS)

Answer:

Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation:

enable the hierarchical namespace

set Account kind to BlobStorage

set Performance to Premium

set Replication to Read-Access (RA-GRS)

NEW QUESTION: 147

Match the types of visualizations to the appropriate descriptions.

To answer, drag the appropriate visualization type from the column on the left to its description on the right. Each visualization type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Visualizations

Key influencer

Scatter

Treemap

Answer Area

Visualization A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.

Visualization A chart that displays the major contributors of a selected result or value.

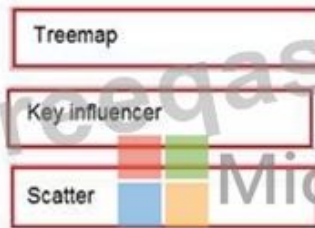
Visualization A chart that shows the relationship between two numerical values.

Answer:

Visualizations



Answer Area



A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.

A chart that displays the major contributors of a selected result or value.

A chart that shows the relationship between two numerical values.

NEW QUESTION: 148

You need to gather real-time telemetry data from a mobile application.

Which type of workload describes this scenario?

- A. Online Transaction Processing (OLTP)
- B. batch
- C. massively parallel processing (MPP)
- D. streaming

Answer: D (LEAVE A REPLY)

Section: Describe an analytics workload on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-in/azure/azure-monitor/overview>

NEW QUESTION: 149

At which two levels can you set the throughput for an Azure Cosmos DB account? Each correct answer presents a complete solution. (Choose two.) NOTE: Each correct selection is worth one point.

- A. database
- B. item
- C. container
- D. partition

Answer: (SHOW ANSWER)

Section: Describe how to work with non-relational data on Azure

Explanation

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/set-throughput>

NEW QUESTION: 150

You have an application that runs on Windows and requires access to a mapped drive.

Which Azure service should you use?

- A. Azure Blob Storage
- B. Azure Files
- C. Azure Cosmos DB
- D. Azure Table storage

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 151

Which command-line tool can you use to query Azure SQL databases?

- A. bcp
- B. Azure CLI
- C. azdata
- D. sqlcmd

Answer: ([SHOW ANSWER](#))

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<https://www.preppdf.com/Microsoft/DP-900-prepaway-exam-dumps.html> (300 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 152

What should you use to build a Microsoft Power BI paginated report?

- A. Power BI report Builder
- B. Power BI Desktop
- C. Charticulator
- D. the Power BI service

Answer: A ([LEAVE A REPLY](#))

Explanation

Power BI Report Builder is the standalone tool for authoring paginated reports for the Power BI service.

NEW QUESTION: 153

Your company is designing a data store for internet-connected temperature sensors. The collected data will be used to analyze temperature trends. Which type of data store should you use?

- A. relational
- B. columnar
- C. graph
- D. time series

Answer: ([SHOW ANSWER](#))

Time series data is a set of values organized by time. Time series databases typically collect large amounts of data in real time from a large number of sources. Updates are rare, and deletes

are often done as bulk operations. Although the records written to a time-series database are generally small, there are often a large number of records, and total data size can grow rapidly.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/guide/technology-choices/data-store-overview>

NEW QUESTION: 154

Match the types of analytics that can be used to answer the business questions.

To answer, drag the appropriate analytics type from the column on the left to its question on the right. Each analytics type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Answer:

Reference:

<https://demand-planning.com/2020/01/20/the-differences-between-descriptive-diagnostic-predictive-cognitive-analytics/>

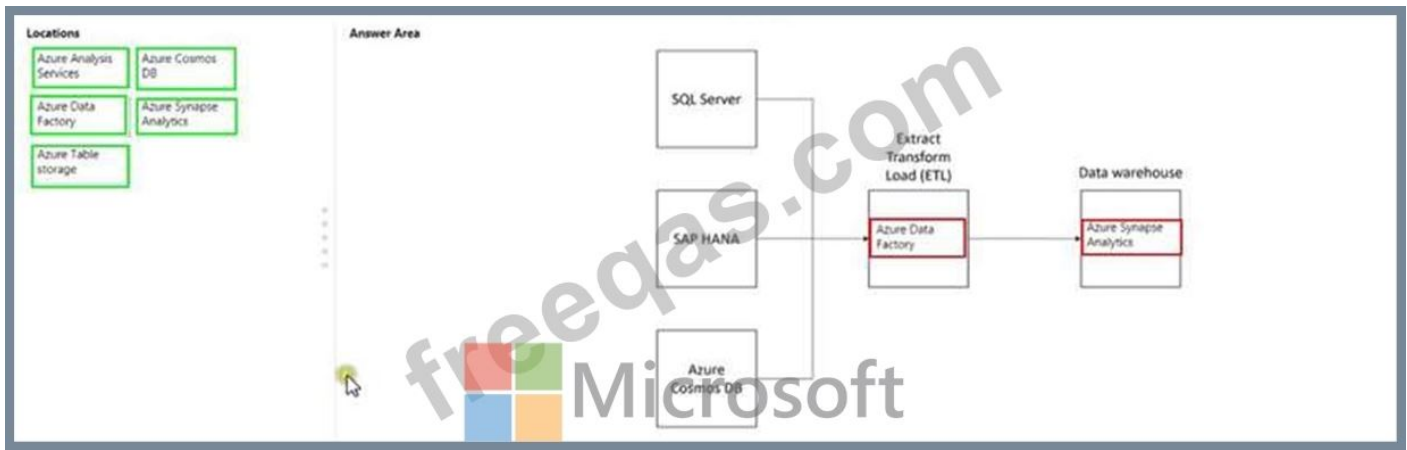
NEW QUESTION: 155

Match the Azure services to the appropriate locations in the architecture.

To answer, drag the appropriate service from the column on the left to its location on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Answer:



NEW QUESTION: 156

Match the Azure services to the appropriate requirements.

To answer, drag the appropriate service from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Services	Answer Area
Azure Data Factory	Service
Azure Data Lake Storage	Service
Azure SQL Database	Service
Azure Synapse Analytics	Service

Output data to Parquet format
Store data that is in Parquet format
Persist a tabular representation of data that is stored in Parquet format

Answer:

Services	Answer Area
Azure Data Factory	Azure Data Factory
Azure Data Lake Storage	Azure Data Lake Storage
Azure SQL Database	
Azure Synapse Analytics	Azure Synapse Analytics

Output data to Parquet format
Store data that is in Parquet format
Persist a tabular representation of data that is stored in Parquet format

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/supported-file-formats-and-compression-codecs>

NEW QUESTION: 157

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

An extract, transform, and load (ETL) process

requires

- a matching schema in the data source and the data target.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- that the data target be a relational database.

Answer:

Answer Area

An extract, transform, and load (ETL) process

requires

- a matching schema in the data source and the data target.
- a target data store powerful enough to transform data.
- data that is fully processed before being loaded to the target data store.
- that the data target be a relational database.

Section: Describe core data concepts

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/etl>

NEW QUESTION: 158

To complete the sentence, select the appropriate option in the answer area.

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across compute nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

Answer:

The massively parallel processing (MPP) engine of Azure Synapse Analytics

- distributes processing across **compute** nodes.
- distributes processing across control nodes.
- redirects client connections across compute nodes.
- redirects client connections across control nodes.

Reference:

<https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/massively-parallel-processing-mpp-architecture>

NEW QUESTION: 159

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

By default, each Azure SQL database is protected by



▼
a network security group (NSG).
a server-level firewall.
Azure Firewall.
Azure Front Door.

Answer:

The screenshot shows the 'Answer Area' with the text 'By default, each Azure SQL database is protected by' followed by a dropdown menu. The dropdown menu is open, showing four options: 'a network security group (NSG)', 'a server-level firewall.', 'Azure Firewall.', and 'Azure Front Door.'. The 'Azure Firewall.' option is highlighted in green, indicating it is the selected answer.

Section: Describe how to work with relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/infrastructure-sql>

NEW QUESTION: 160

Which clause should you use in a select statement to combine rows in one table with rows in another table?

- A. JOIN
- B. VALUES
- C. set
- D. KEY

Answer: (SHOW ANSWER)

Reference:

<https://www.tutorialspoint.com/sql/sql-using-joins.htm>

NEW QUESTION: 161

Match the datastore services to the appropriate descriptions.

To answer, drag the appropriate service from the column on the left to its description on the right.

Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Services

- Azure Blob storage
- Azure Cosmos DB
- Azure Files
- Azure Table storage

Answer Area

- Service: Enables the use of SQL queries against data stored in JSON documents
- Service: Enables users to access data by using the Server Message Block (SMB) version 3 protocol

Answer:

Services

- Azure Blob storage
- Azure Cosmos DB
- Azure Files
- Azure Table storage

Answer Area

- Azure Cosmos DB: Enables the use of SQL queries against data stored in JSON documents
- Azure Files: Enables users to access data by using the Server Message Block (SMB) version 3 protocol

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/sql-query-working-with-json>

<https://cloud.netapp.com/blog/azure-smb-server-message-block-in-the-cloud-for-azure-files>

NEW QUESTION: 162

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy.

To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Terms

- Azure Storage account
- File share
- File system

Levels

- Level
- Level

Answer:

Terms

- Azure Storage account
- File system

Answer Area

- Azure Storage account
- File share

Azure Resource Group Hierarchy

- Azure Resource Group
 - Azure Storage account
 - File share
 - Folders
 - Files

NEW QUESTION: 163

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory	<input type="radio"/>	<input type="radio"/>
Azure Data Factory pipelines can execute other pipelines	<input type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory pipelines can execute other pipelines	<input checked="" type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://mrpaulandrew.com/2019/09/25/azure-data-factory-pipeline-hierarchies-generation-control/>

NEW QUESTION: 164

You need to create an Azure resource to store data in Azure Table storage.

Which command should you run?

- A. az scorage share create
- B. az scorage account creace
- C. az cosmosdb creace
- D. az scorage concainer creace

Answer: D ([LEAVE A REPLY](#))

Reference:

<https://docs.microsoft.com/en-us/cli/azure/storage/container?view=azure-cli-latest>

NEW QUESTION: 165

At which two levels can you set the throughput for an Azure Cosmos DB account? Each correct answer presents a complete solution. (Choose two.) NOTE: Each correct selection is worth one point.

- A. database
- B. item

- C. container
- D. partition

Answer: A,C (LEAVE A REPLY)

Section: Describe how to work with non-relational data on Azure

Explanation/Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/set-throughput>

NEW QUESTION: 166

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Processing salary payments once a month is an example of a batch workload.	<input type="radio"/>	<input type="radio"/>
A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.	<input type="radio"/>	<input type="radio"/>
A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Processing salary payments once a month is an example of a batch workload.	<input checked="" type="radio"/>	<input type="radio"/>
A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.	<input checked="" type="radio"/>	<input type="radio"/>
A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload.	<input type="radio"/>	<input checked="" type="radio"/>

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<https://www.preppdf.com/Microsoft/DP-900-prepaway-exam-dumps.html> (300 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 167

To complete the sentence, select the appropriate option in the answer area.

Answer Area

Relational data uses collections columns keys partitions to enforce relationships between different tables.

Answer:

Answer Area

Relational data uses collections columns keys partitions to enforce relationships between different tables.

Reference:

<https://teachcomputerscience.com/relational-databases/>

NEW QUESTION: 168

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Table storage within a single Azure Storage account supports multiple concurrent reads in different Azure regions.	<input type="radio"/>	<input type="radio"/>
Azure Table storage within a single Azure Storage account supports multiple concurrent writes in different Azure regions.	<input type="radio"/>	<input type="radio"/>
An Azure Cosmos DB account that uses the Table API supports multiple concurrent reads in different Azure regions.	<input type="radio"/>	<input type="radio"/>
An Azure Cosmos DB account that uses the Table API supports multiple concurrent writes in different Azure regions.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure Table storage within a single Azure Storage account supports multiple concurrent reads in different Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Table storage within a single Azure Storage account supports multiple concurrent writes in different Azure regions.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure Cosmos DB account that uses the Table API supports multiple concurrent reads in different Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure Cosmos DB account that uses the Table API supports multiple concurrent writes in different Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy>

<https://manojchoudhari.wordpress.com/2019/12/16/azure-cosmos-db-enable-multi-region-writes>

NEW QUESTION: 169

Which type of database is Azure Database for PostgreSQL?

- A. Platform as a service (PaaS)
- B. Infrastructure as a service (IaaS)
- C. Microsoft SQL Server
- D. on-premises

Answer: ([SHOW ANSWER](#))

Reference:

<https://docs.microsoft.com/en-us/azure/postgresql/overview-postgres-choose-server-options>

NEW QUESTION: 170

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="checkbox"/>	<input type="checkbox"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="checkbox"/>	<input type="checkbox"/>
Azure Data Studio can be used to restore a database.	<input type="checkbox"/>	<input type="checkbox"/>

Answer:

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="checkbox"/>	<input type="checkbox"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="checkbox"/>	<input type="checkbox"/>
Azure Data Studio can be used to restore a database.	<input type="checkbox"/>	<input type="checkbox"/>

Explanation

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Azure Data Studio can be used to restore a database.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Box 1: Yes

Azure Data Studio is a cross-platform database tool for data professionals using on-premises and cloud data platforms on Windows, macOS, and Linux.

You can use Azure Data Studio to connect to an Azure SQL Database server. You'll then run Transact-SQL (T-SQL) statements to create and query Azure SQL databases.

Box 2: No

SQL Server Management Studio is for configuring, managing, and administering all components within Microsoft SQL Server, not to create SQL notebooks.

Instead use Azure Data Studio to create SQL notebook.

Box 3: Yes

You can use the Azure Data Studio to restore databases.

NEW QUESTION: 171

To complete the sentence, select the appropriate option in the answer area.

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.

Answer:

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.

NEW QUESTION: 172

Which scenario is an example of a streaming workload?

- A. sending transactions that are older than a month to an archive
- B. sending transactions daily from point of sale (POS) devices
- C. sending telemetry data from edge devices
- D. sending cloud infrastructure metadata every 30 minutes

Answer: C (LEAVE A REPLY)

Section: Describe an analytics workload on Azure

NEW QUESTION: 173

For each of the following statements, select Yes if the statement is true, Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Microsoft

Statements

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently.	<input type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs.	<input type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Microsoft

Statements

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	<input type="radio"/>	<input checked="" type="radio"/>

Answer Area

Microsoft

Statements

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION: 174

To complete the sentence, select the appropriate option in the answer area.

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.

Answer:

A relational database must be used when

- a dynamic schema is required.
- data will be stored as key/value pairs.
- storing large images and videos.
- strong consistency guarantees are required.

NEW QUESTION: 175

To complete the sentence, select the appropriate option in the answer area.

Transparent Data Encryption (TDE) encrypts

- a column to protect data at rest and in transit.
- queries and their results in order to protect data in transit.
- the database to protect data at rest.
- the server to protect data at rest.

Answer:

Transparent Data Encryption (TDE) encrypts

- a column to protect data at rest and in transit.
- queries and their results in order to protect data in transit.
- the database to protect data at rest.
- the server to protect data at rest.



Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/transparent-data-encryption-tde-overview?tabs=azure-portal>

NEW QUESTION: 176

You have a SQL query that combines customer data and order data.

a. The query includes calculated columns.

You need to persist the SQL query so that other users can use the query. What should you create?

- A. a table
- B. an index
- C. scalar function
- D. a view

Answer: (SHOW ANSWER)

A view is a virtual table whose contents are defined by a query. A view acts as a filter on the underlying tables referenced in the view. The query that defines the view can be from one or more tables or from other views in the current or other databases.

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/views/views>

NEW QUESTION: 177

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="radio"/>	<input type="radio"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="radio"/>	<input type="radio"/>
Azure Data Studio can be used to restore a database.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
Azure Data Studio can be used to query an Azure SQL database from a device that runs macOS.	<input type="radio"/>	<input checked="" type="radio"/>
Microsoft SQL Server Management Studio (SSMS) enables users to create and use SQL notebooks.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Studio can be used to restore a database.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 178

To complete the sentence, select the appropriate option in the answer area.

Answer Area

A relational database is appropriate for scenarios that involve a high volume of

- changes to relationships between entities.
- geographically distributed writes.
- transactional writes.
- writes that have varying data structures.

Answer:

Answer Area

A relational database is appropriate for scenarios that involve a high volume of

- changes to relationships between entities.
- geographically distributed writes.
- transactional writes.
- writes that have varying data structures.

Reference:

<https://towardsdatascience.com/choosing-the-right-database-c45cd3a28f77>

NEW QUESTION: 179

For each of the following statements, select yes if the statement is true, Otherwise select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	<input type="radio"/>	<input type="radio"/>
Azure Databricks can consume data from Azure Event Hubs.	<input type="radio"/>	<input type="radio"/>
Azure Databricks can consume data from Azure Cosmos DB.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
Azure Databricks can consume data from Azure SQL Database.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Databricks can consume data from Azure Event Hubs.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Databricks can consume data from Azure Cosmos DB.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION: 180

Match the Azure services to appropriate requirements.

To answer, drag the appropriate services from the column on the left to its requirement on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Services

- Azure Data Factory
- Azure Data Lake Storage
- Azure SQL Database
- Azure Synapse Analytics

Answer Area

- Output data to Parquet format.
- Store data that is in Parquet format.
- Persist a tabular representation of data that is stored in Parquet format.

Answer:

Azure Services

- Azure Data Factory
- Azure Data Lake Storage
- Azure SQL Database
- Azure Synapse Analytics

Answer Area

- Azure Data Factory: Output data to Parquet format.
- Azure Data Lake Storage: Store data that is in Parquet format.
- Azure Synapse Analytics: Persist a tabular representation of data that is stored in Parquet format.

NEW QUESTION: 181

You have an Azure Cosmos DB account that uses the Core (SQL) API.

Which two settings can you configure at the container level? Each correct answer presents a complete solution. (Choose two.) NOTE: Each correct selection is worth one point.

- A. the API
- B. the throughput
- C. the read region
- D. the partition key

Answer: B,D ([LEAVE A REPLY](#))

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NEW QUESTION: 182

For each of the following statements, select Yes if the statement is true, Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently.	<input type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs.	<input type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Azure Synapse Analytics scales storage and compute independently.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Synapse Analytics can be paused to reduce compute costs.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION: 183

Your company needs to implement a relational database in Azure. The solution must minimize ongoing maintenance.

Which Azure service should you use?

- A. Azure HDInsight
- B. SQL Server on Azure virtual machines
- C. Azure Cosmos DB
- D. Azure SQL Database

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 184

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Relational database tables contain columns and rows.	<input type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Relational database tables contain columns and rows.	<input checked="" type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input type="radio"/>	<input checked="" type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation

Statements	Yes	No
Relational database tables contain columns and rows	<input checked="" type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table	<input type="radio"/>	<input checked="" type="radio"/>
A database view is a virtual table whose content is defined by a query	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: Yes

Tables are database objects that contain all the data in a database. In tables, data is logically organized in a row-and-column format similar to a spreadsheet. Each row represents a unique record, and each column represents a field in the record.

Box 2: No

An index is an on-disk structure associated with a table or view that speeds retrieval of rows from the table or view.

Box 3: Yes

A view is a virtual table whose contents are defined by a query. Like a table, a view consists of a set of named columns and rows of data.

NEW QUESTION: 185

Which three actions are used when performing diagnostic analytics?

- A. * Identify data anomalies
- * Collect anomaly-related data
- * Discover relationships and trends that explain anomalies.

B. * Identify data anomalies

* Predict when anomalies are likely to recur

* Use analytical tools such as decision trees and regression.

C. * Apply self-learning loops to draw inferences from anomalies.

* Predict when anomalies are likely to recur

* Use analytical tools such as decision trees and regression.

Answer: A (LEAVE A REPLY)

D.

* Identify data anomalies

* Use machine learning to find patterns in large datasets.

* Discover relationships and trends that explain anomalies.

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