

Exam Questions DP-900

Microsoft Azure Data Fundamentals

<https://www.2passeasy.com/dumps/DP-900/>



NEW QUESTION 1

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

In Azure Data Factory, you can use  to orchestrate pipeline

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

activities that depend on the output of other pipeline activities.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

In Azure Data Factory, you can use  to orchestrate pipeline

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

activities that depend on the output of other pipeline activities.

NEW QUESTION 2

Select the answer that correctly completes the sentence.

Answer Area

Backing up and restoring data are the responsibilities of a

- data engineer.
- data analyst.
- data engineer.
- data scientist.
- database administrator.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Backing up and restoring data are the responsibilities of a

- data engineer.
- data analyst.
- data engineer.
- data scientist.
- database administrator.

NEW QUESTION 3

Which Azure Data Factory component provides the compute environment for activities?

- A. a linked service
- B. an integration runtime
- C. a control flow
- D. a pipeline

Answer: B

Explanation:

The Integration Runtime (IR) is the compute infrastructure used by Azure Data Factory to provide the following data integration capabilities across different network environments:



- Data Flow
- > Data movement
- > Activity dispatch
- > SSIS package execution

NEW QUESTION 4

What are two uses of data visualization? Each correct answer present a complete solution. NOTE: Each correct selection is worth one point.

- A. Represent trends and patterns over time.
- B. Communicate the significance of data.
- C. implement machine learning to predict future values.
- D. Consistently implement business logic across reports

Answer: AB

Explanation:

Data visualization is a key component in being able to gain insight into your data. It helps make big and small data easier for humans to understand. It also makes it easier to detect patterns, trends, and outliers in groups of data.

Data visualization brings data to help you find key business insights quickly and effectively.

NEW QUESTION 5

You need to store data in Azure Blob storage for seven years to meet your company's compliance requirements. The retrieval time of the data is unimportant. The solution must minimize storage costs. Which storage tier should you use?

- A. Archive
- B. Hot
- C. Cool

Answer: A

NEW QUESTION 6

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

In a data warehousing workload, data

	▼
from a single source is distributed to multiple locations	
from multiple sources is combined in a single location	
is added to a queue for multiple systems to process	
is used to train machine learning models	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Note: The data warehouse workload encompasses:

- > The entire process of loading data into the warehouse
- > Performing data warehouse analysis and reporting
- > Managing data in the data warehouse
- > Exporting data from the data warehouse

NEW QUESTION 7

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

NEW QUESTION 8

Match the types of data stores to the appropriate scenarios.

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

NOTE: Each correct match is worth one point.

Data Store Types

Answer Area

Graph

Object

Key/value

Application users and their default language

Medical images and their associated metadata

Employee data that shows the relationships between employees

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Data Store Types

Answer Area

Graph

Object

Key/value

Key/value

Object

Graph

Application users and their default language

Medical images and their associated metadata

Employee data that shows the relationships between employees

NEW QUESTION 9

What is a characteristic of a non-relational database?

- A. a fixed schema
 B. self-describing entities
 C. full support for Transact-SQL

Answer: C

NEW QUESTION 10

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"/>

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

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

Your company is designing an application that will write a high volume of JSON data and will have an application-defined schema.

Which type of data store should you use?

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

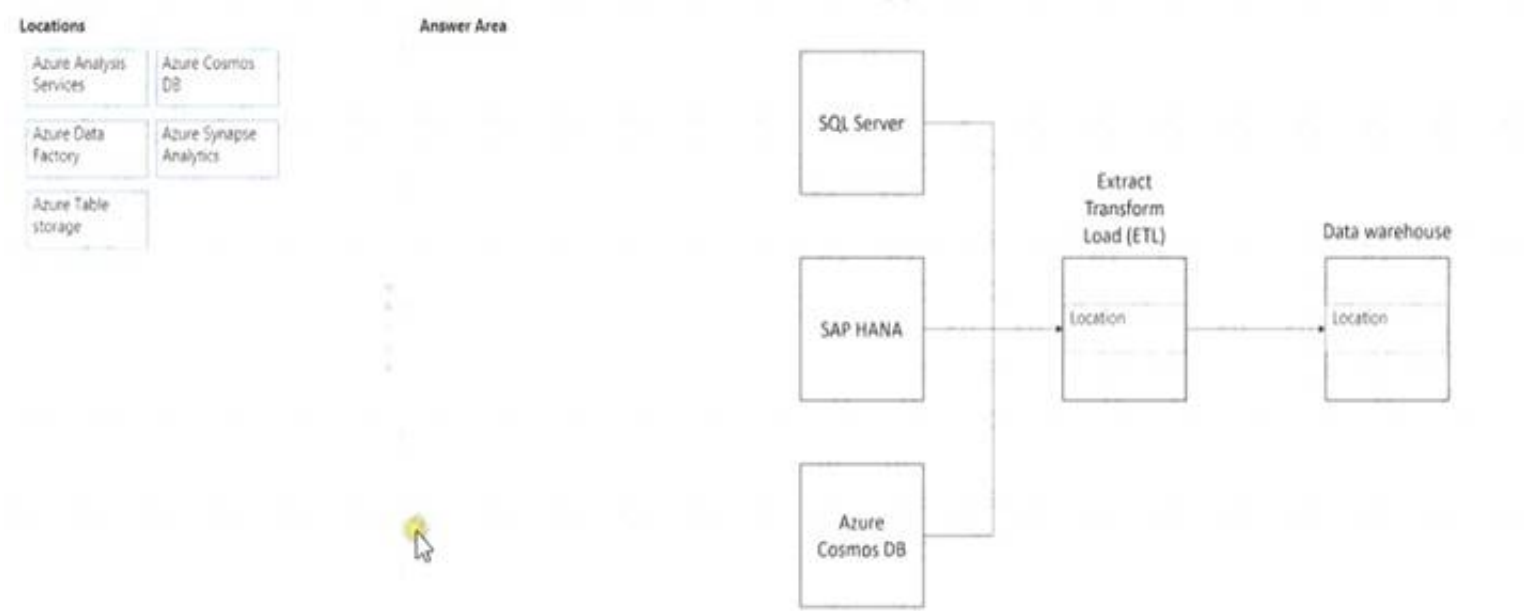
Answer: A

Explanation:

A key/value store associates each data value with a unique key. An application can store arbitrary data as a set of values. Any schema information must be provided by the application. The key/value store simply retrieves or stores the value by key.

NEW QUESTION 13

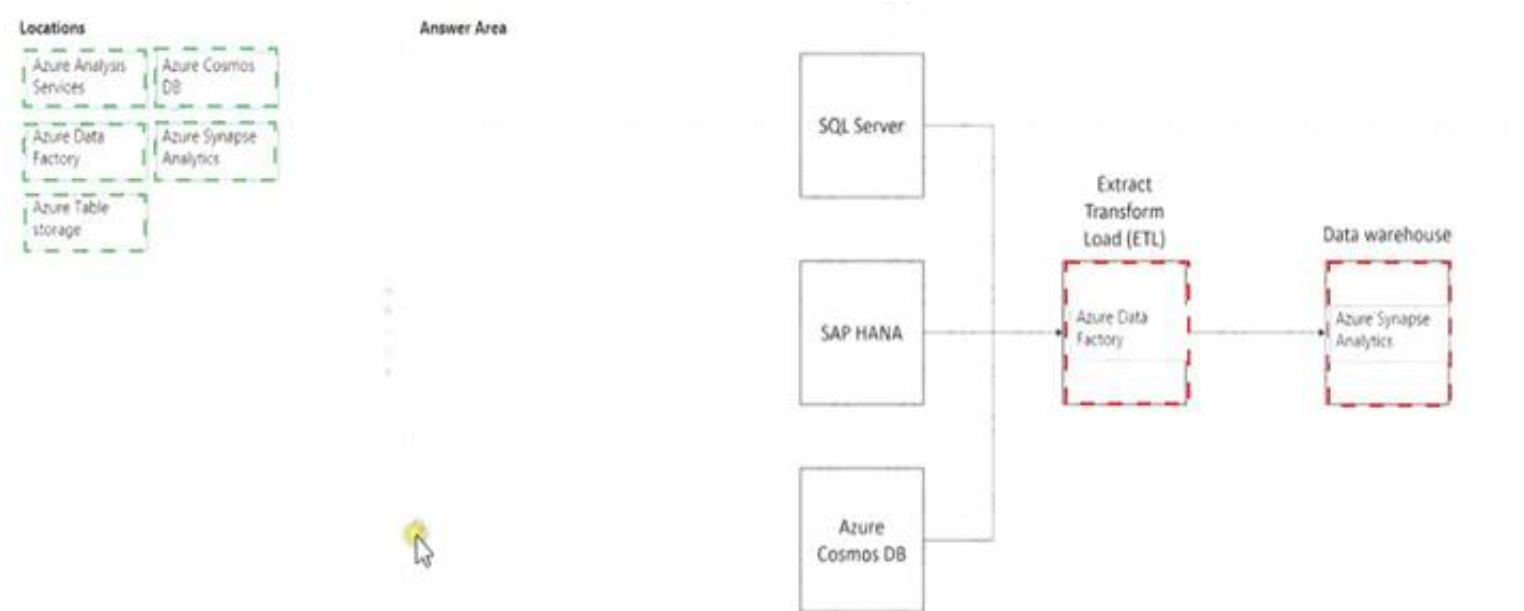
Match the Azure services to the appropriate locations in the architecture. To answer, drag the appropriate service from the column on the left to its location on the right. Each service may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 14

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated with medium confidence
When you create a new server in Azure SQL Database or Azure Synapse Analytics named mysqlserver, for example, a server-level firewall blocks all access to the public endpoint for the server

NEW QUESTION 15

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

▼

graph.

table.

partition key.

document.

NEW QUESTION 19

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: AB

Explanation:

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.

NEW QUESTION 20

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

▼

A heap

A stored procedure

A view

An index

presents content defined by a query.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

A View

NEW QUESTION 21

You have a transactional application that stem data in an Azure SQL managed instance. When should you implement a read-only database replica?

- A. You need to generate reports without affecting the transactional workload.
- B. You need to audit the transactional application.
- C. You need to implement high availability in the event of a regional outage
- D. You need to improve the recovery point objective (RPO).

Answer: A

Explanation:

Use read-only replicas to offload read-only query workloads.

NEW QUESTION 23

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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 24

Select the answer that correctly completes the sentence.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Backing up and restoring data are the responsibilities of a .

NEW QUESTION 29

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

A clustered index

A FileTable

A foreign key

A stored procedure

is an object associated with a table that sorts and stores the data rows in the table based on their key values.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

A clustered index

A FileTable

A foreign key

A stored procedure

is an object associated with a table that sorts and stores the data rows in the table based on their key values.

NEW QUESTION 31

Select the answer that correctly completes the sentence.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

In a data warehousing workload, data from multiple sources is combined in a single location.

NEW QUESTION 36

Which three objects can be added to a Microsoft Power BI dashboard? Each correct answer presents a complete solution. (Choose three.)
NOTE: Each correct selection is worth one point.

- A. a report page
- B. a Microsoft PowerPoint slide
- C. a visualization from a report
- D. a dataflow
- E. a text box

Answer: ACE

NEW QUESTION 39

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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated
Box 1: No
You can duplicate a dashboard. The duplicate ends up in the same Power BI workspace.
There is no current functionality that allows you to move reports from one workspace to another.
Box 2: No
Box 3: Yes

NEW QUESTION 41

Which two activities can be performed entirely by using the Microsoft Power BI service? Each correct answer presents a complete solution. (Choose two.)
NOTE: Each correct selection is worth one point.

- A. report and dashboard creation

- B. report sharing and distribution
- C. data modeling
- D. data acquisition and preparation

Answer: AD

NEW QUESTION 43

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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.

NEW QUESTION 46

Which database transaction property ensures that transactional changes to a database are preserved during unexpected operating system restarts?

- A. consistency
- B. durability
- C. isolation
- D. atomicity

Answer: B

NEW QUESTION 50

For each of the following statements, select yes if he 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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 51

Which setting can only be configured during the creation of an Azure Cosmos DB account?

- A. geo-redundancy
- B. multi-region writes
- C. production or non-reduction account type
- D. API

Answer: D

Explanation:

You must create a separate account for each API.

NEW QUESTION 55

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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

A pipeline is a logical grouping of activities that together perform a task.

Box 2: Yes

You can construct pipeline hierarchies with data factory.

Box 3: Yes

A pipeline is a logical grouping of activities that together perform a task.

NEW QUESTION 60

What is required to provision Azure Data Lake Storage in an Azure Storage account?

- A. Versioning must be enabled.
- B. Hierarchical namespace must be enabled.
- C. Hierarchical namespace must be disabled.
- D. Versioning must be disabled.

Answer: B

NEW QUESTION 61

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

A block of code that runs in a database is called

a stored procedure.
a table.
a view.
an index.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated with medium confidence

NEW QUESTION 63

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"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

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 67

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.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated with medium confidence

With ELT, the data store used to perform the transformation is the same data store where the data is ultimately consumed.

NEW QUESTION 72

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 stages. Each location 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.

Locations

Answer Area

A standalone data analysis tool

Extract:

The CRM system

Load:

The data warehouse

Transform:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, chat or text message Description automatically generated

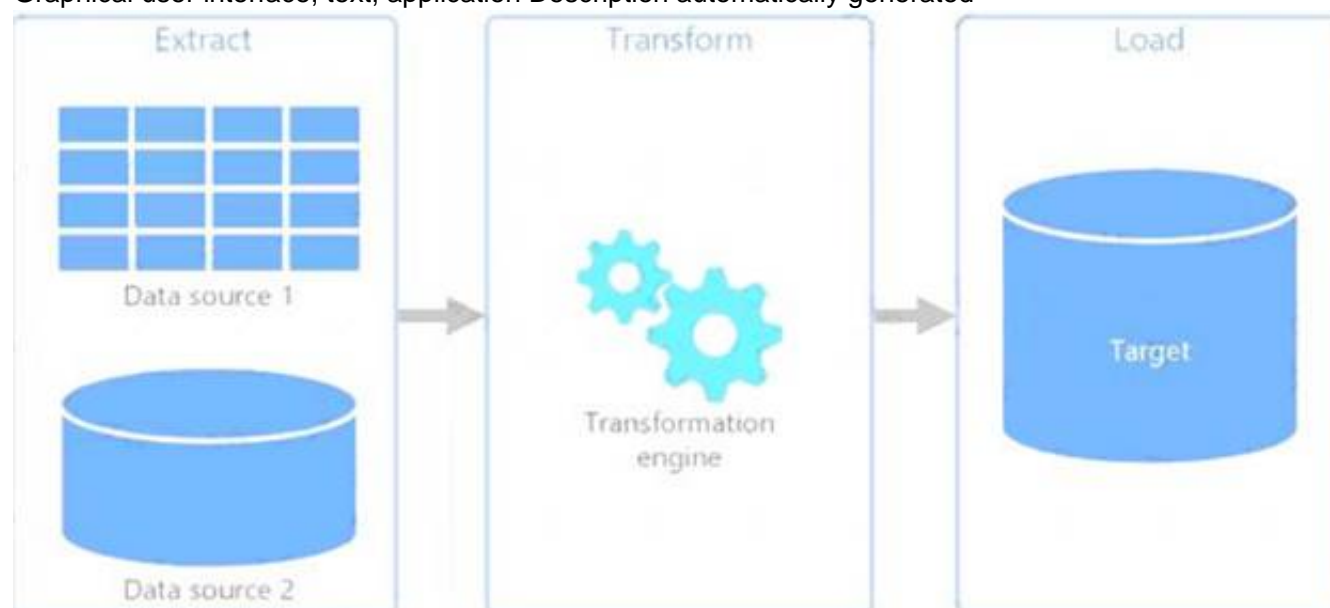
Box 1: The CRM system

Data is extracted from the CRM system. Box 2: The data warehouse

Data is loaded to the data warehouse. Box 3: A standalone data analysis tool

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

Graphical user interface, text, application Description automatically generated



NEW QUESTION 77

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: AC

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 80

When provisioning an Azure Cosmos DB account, which feature provides redundancy within an Azure region?

- A. multi-master replication
- B. Availability Zones
- C. automatic failover
- D. the strong consistency level

Answer: B

Explanation:

With Availability Zone (AZ) support, Azure Cosmos DB will ensure replicas are placed across multiple zones within a given region to provide high availability and resiliency to zonal failures.
Note: Azure Cosmos DB provides high availability in two primary ways. First, Azure Cosmos DB replicates data across regions configured within a Cosmos account. Second, Azure Cosmos DB maintains 4 replicas of data within a region.

NEW QUESTION 82

Which type of non-relational data store supports a flexible schema, stores data as JSON files, and stores the all the data for an entity in the same document?

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

Answer: A

NEW QUESTION 85

Select the answer that correctly completes the sentence. See the answer below:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

An Azure Storage account must have Hierarchical namespace enabled to support Azure Data Lake Storage.

NEW QUESTION 90

You need to modify a view in a relational database by adding a new column. Which statement should you use?

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

Answer: B

NEW QUESTION 91

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 provide built-in high availability.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure provide built-in high availability.	<input checked="" type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide configurable scaling options.	<input checked="" type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure reduce the administrative overhead for managing hardware.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 95

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

Answer: C

NEW QUESTION 98

Select the answer that correctly completes the sentence.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 must apply operating system updates to Azure SQL databases regularly.	<input type="radio"/>	<input type="radio"/>
You need a Microsoft 365 subscription to create an Azure SQL database.	<input type="radio"/>	<input type="radio"/>
You can use existing Microsoft SQL Server licenses to reduce the cost of Azure SQL databases.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You must apply operating system updates to Azure SQL databases regularly.	<input type="radio"/>	<input checked="" type="radio"/>
You need a Microsoft 365 subscription to create an Azure SQL database.	<input type="radio"/>	<input checked="" type="radio"/>
You can use existing Microsoft SQL Server licenses to reduce the cost of Azure SQL databases.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 101

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. a database-level firewall
- B. role-based access control (RSAC)

- C. Dynamic Host Configuration Protocol (DHCP)
- D. Domain Name Service (DNS)

Answer: A

Explanation:

The Azure SQL Database firewall lets you decide which IP addresses may or may not have access to either your Azure SQL Server or your Azure SQL database. When creating an Azure SQL Database, the firewall needs to be configured before anyone will be able to access the database. By default, no external access to your SQL Database will be allowed until you explicitly assign permission by creating a firewall rule.

NEW QUESTION 102

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

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

Answer: D

Explanation:

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

NEW QUESTION 103

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

Transcribing audio files is an example of

	▼
cognitive	
descriptive	
predictive	
prescriptive	

 analytics.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Transcribing audio files is an example of

	▼
cognitive	
descriptive	
predictive	
prescriptive	

 analytics.

NEW QUESTION 107

You have an application that runs on Windows and requires access to a mapped drive. Which Azure service should you use?

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

Answer: A

Explanation:

Azure Files is Microsoft's easy-to-use cloud file system. Azure file shares can be seamlessly used in Windows and Windows Server. To use an Azure file share with Windows, you must either mount it, which means assigning it a drive letter or mount point path, or access it via its UNC path.

NEW QUESTION 112

At which level in Azure Cosmos DB can you configure multiple write regions and read regions?

- A. database
- B. partition
- C. collection
- D. account

Answer: C

NEW QUESTION 115

You are writing a set of SQL queries that administrators will use to troubleshoot an Azure SQL database. You need to embed documents and query results into a SQL notebook. What should you use?

- A. Microsoft SQL Server Management Studio (SSMS)
- B. Azure Data Studio
- C. Azure CLI
- D. Azure PowerShell

Answer: B

NEW QUESTION 120

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

Answer Area

A Microsoft Power BI dashboard enables users to create highly formatted, fixed-layout documents or interactive report archiving. paginated report subscription

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 122

You need to design and model a database by using a graphical tool that supports project-oriented offline database development. What should you use?

- A. Microsoft SQL Server Data Tools (SSDT)
- B. Microsoft SQL Server Management Studio (SSMS)
- C. Azure Databricks
- D. Azure Data Studio

Answer: A

NEW QUESTION 123

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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 124

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.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

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.

NEW QUESTION 125

Which Azure SQL offering provides near-100 percent compatibility with on-premises Microsoft SQL Server instances, while providing automated updates, backups, and maintenance tasks?

- A. Azure SQL Managed Instance
- B. SQL Server on Azure Virtual Machines
- C. Azure SQL Edge
- D. Azure SQL Database

Answer: A

NEW QUESTION 127

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.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

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 130

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

Answer Area

Relational data is stored in

- a file system as unstructured data.
- a hierarchal folder structure.
- a tabular form of rows and columns.
- comma-separated value (CSV) files.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Relational data is stored in

- a file system as unstructured data.
- a hierarchal folder structure.
- a tabular form of rows and columns.
- comma-separated value (CSV) files.

NEW QUESTION 134

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

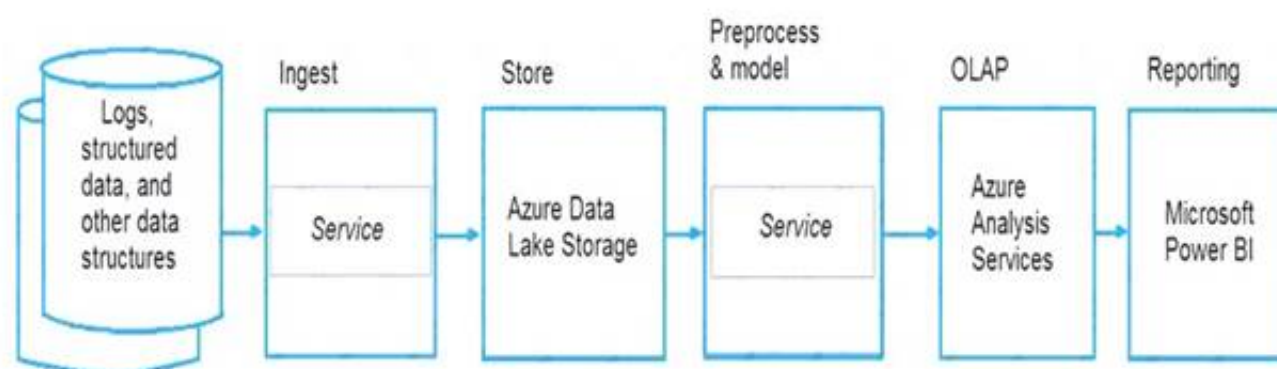
To answer, drag the appropriate service from the column on the left to its location on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Services

Answer Area

- Azure Cognitive Search
- Azure Data Catalog
- Azure Data Factory
- Azure Synapse Analytics



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box Ingest: Azure Data Factory

You can build a data ingestion pipeline with Azure Data Factory (ADF). Box Preprocess & model: Azure Synapse Analytics

Use Azure Synapse Analytics to preprocess data and deploy machine learning models.

NEW QUESTION 138

What is a characteristic of batch processing?

- A. The data ingested during batch processing must be processed as soon as the data is received.
- B. Large datasets must be split into batches of less than 1 GB before the data can be processed.
- C. There is a noticeable time delay between ingesting data and obtaining the data processing results.
- D. Batch processing can only process data that is structured.

Answer: D

NEW QUESTION 141

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

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 145

Select the answer that correctly completes the sentence.

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 150

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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 checked="" type="radio"/>	<input type="radio"/>
You implement Azure Data Lake Storage by creating an Azure Storage account.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 152

When can you use an Azure Resource Manager template?

- A. to automate the creation of an interdependent group of Azure resources in a repeatable way
- B. to automate the creation of an interdependent and develop can deploy from the Azure portal
- C. To provision Azure subscriptions and apply policies for multi-tenant deployments
- D. To set complex permissions automatically on existing objects in an Azure subscription

Answer: A

Explanation:

You can automate deployments and use the practice of infrastructure as code. In code, you define the infrastructure that needs to be deployed
To implement infrastructure as code for your Azure solutions, use Azure Resource Manager templates (ARM templates). The template is a JavaScript Object Notation (JSON) file that defines the infrastructure and configuration for your project. The template uses declarative syntax, which lets you state what you intend to deploy without having to write the sequence of programming commands to create it. In the template, you specify the resources to deploy and the properties for those resources.

NEW QUESTION 155

Select the answer that correctly completes the sentence.

Answer Area

An Azure Storage account must have _____ enabled to support Azure Data Lake Storage.

Blob soft delete

Hierarchical namespace

Large file shares

Versioning

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Hierarchical namespace
<https://learn.microsoft.com/en-us/dynamics365/customer-insights/own-data-lake-storage>

NEW QUESTION 158

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 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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 160

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.

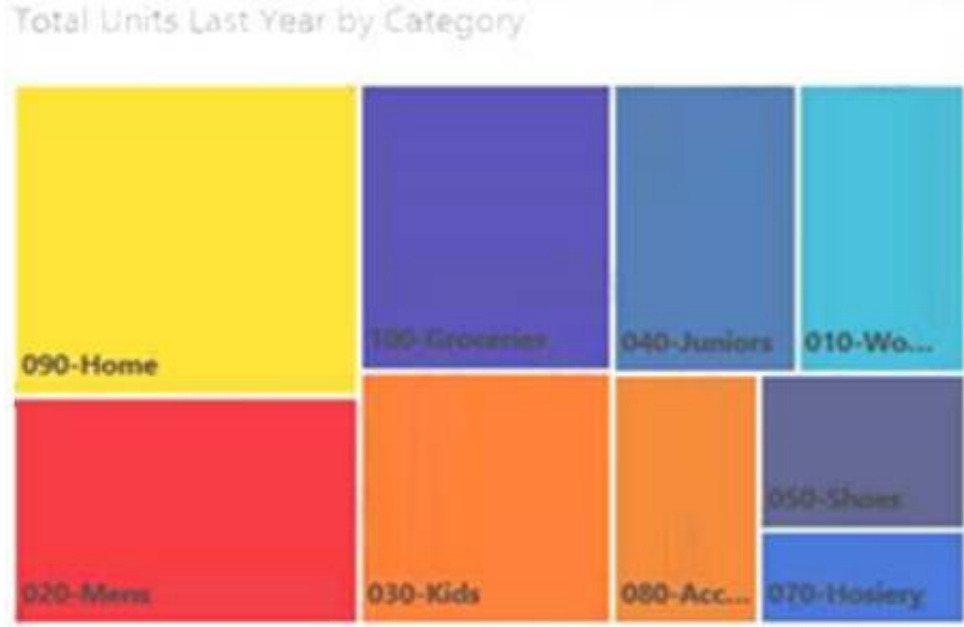
Visualizations	Answer Area
Key influencer	Visualization A chart of colored, nested rectangles that displays individual data points represented by the size and color of a relative rectangle.
Scatter	Visualization A chart that displays the major contributors of a selected result or value.
Treemap	Visualization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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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.



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 162

You need to create a visualization of running sales totals per quarter as shown in the following exhibit.



What should you create in Power BI Desktop?

- A. a waterfall chart
- B. a ribbon chart
- C. a bar chart
- D. a decomposition tree

Answer: A

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
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"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated

Box 1: Yes

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).

Box 2: No

Box 3: Yes

Box 4: Yes

Azure Cosmos DB supports multi-region writes.

NEW QUESTION 168

Select the answer that correctly completes the sentence.

Answer Area

In a relational database, each row in a table has

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer as below.

Answer Area

In a relational database, each row in a table has

NEW QUESTION 173

Select the answer that correctly completes the sentence.

Answer Area

A block of code that runs in a database is called

- A. Mastered

B. Not Mastered

Answer: A

Explanation:
Answer Area

A block of code that runs in a database is called a stored procedure.

NEW QUESTION 174

Select the answer that correctly completes the sentence.

Answer Area

A key/value data store is optimized for simple lookups.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

A key/value data store is optimized for simple lookups.

NEW QUESTION 175

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

Answer Area

An extract, load, and transform (ELT) process requires a data pipeline that includes a transformation engine.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

An extract, load, and transform (ELT) process requires a data pipeline that includes a transformation engine.

NEW QUESTION 176

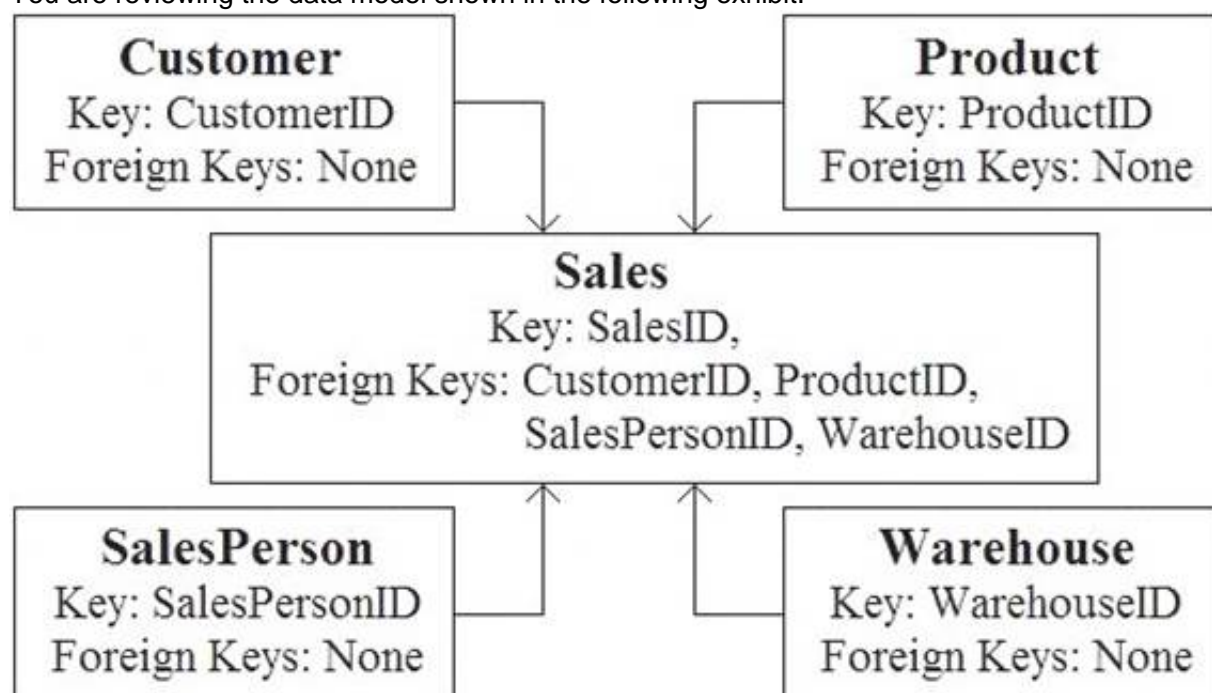
You need to use Transact-SQL to query files in Azure Data Lake Storage from an Azure Synapse Analytics data warehouse. What should you use to query the files?

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

Answer: C

NEW QUESTION 177

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The data model is a [answer choice].

▼

transactional model

star schema

snowflake schema

Customer is a [answer choice] table.

▼

fact

dimension

bridge

NEW QUESTION 180

You have the following JSON document.


```
{
  "customer" : {
    "first name" : "Ben",
    "last name" : "Smith",
    "address" : {
      "line 1" : "161 Azure Ln",
      "line 2" : "Palo Alto",
      "ZIP code" : "54762"
    },
    "social media": [
      {
        "service" : "twitter",
        "handle" : "@bensmith"
      },
      {
        "service" : "linkedin",
        "handle" : "bensmith"
      }
    ],
    "phone numbers": [
      {
        "type" : "mobile",
        "number" : "555-555-555"
      }
    ]
  }
}
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the JSON document.
NOTE: Each correct selection is worth one point.

Customer is [answer choice].

	▼
a nested array	
a nested object	
a root object	

Address is [answer choice].

	▼
a nested array	
a nested object	
a root object	

Social media is [answer choice].

	▼
a nested array	
a nested object	
a root object	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Customer is [answer choice].

a nested array

a nested object

a root object

Address is [answer choice].

a nested array

a nested object

a root object

Social media is [answer choice].

a nested array

a nested object

a root object

NEW QUESTION 184

A data engineer is responsible for which task?

- A. Design and build analytical models.
- B. Design and implement data stores for analytical workloads.
- C. Explore data to identify trends.
- D. Implement policies, tool
- E. and processes for backup and recovery plans.

Answer: A

NEW QUESTION 188

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

Index

View

Table

Answer Area

A database object that holds data

A database object whose content is defined by a query

A database object that helps improve the speed of data retrieval

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Terms

Index

View

Table

Answer Area

Table

View

Index

A database object that holds data

A database object whose content is defined by a query

A database object that helps improve the speed of data retrieval

NEW QUESTION 192

.....

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual DP-900 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the DP-900 Product From:

<https://www.2passeasy.com/dumps/DP-900/>

Money Back Guarantee

DP-900 Practice Exam Features:

- * DP-900 Questions and Answers Updated Frequently
- * DP-900 Practice Questions Verified by Expert Senior Certified Staff
- * DP-900 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * DP-900 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year