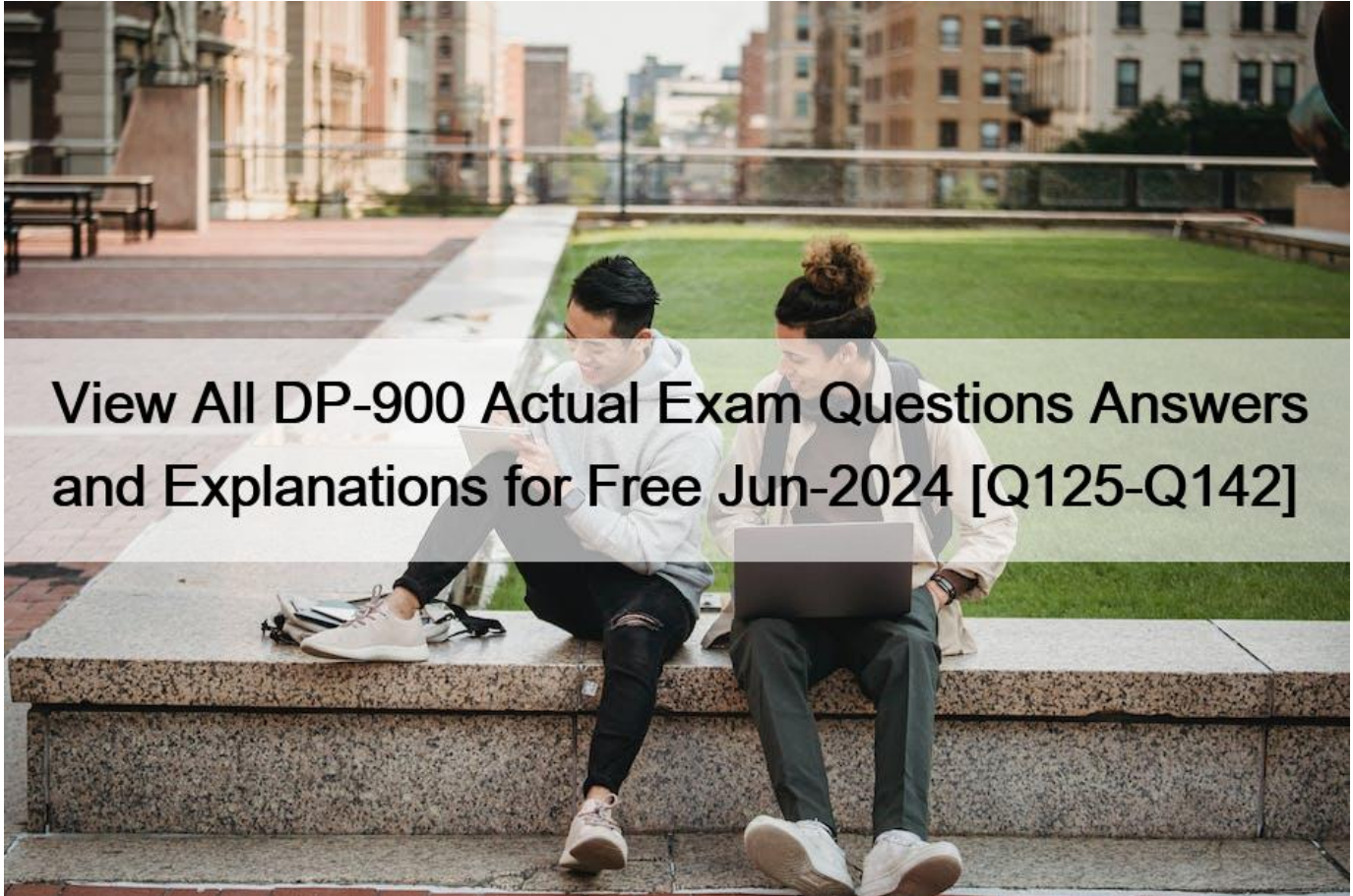


View All DP-900 Actual Exam Questions Answers and Explanations for Free Jun-2024 [Q125-Q142]



View All DP-900 Actual Exam Questions Answers and Explanations for Free Jun-2024 The Most In-Demand Microsoft DP-900 Pass Guaranteed Quiz NEW QUESTION 125

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

▼	is a virtual table that contains content defined by a query.
A heap	
A stored procedure	
A view	
An index	

▼	is a virtual table that contains content defined by a query.
A heap	
A stored procedure	
A view	
An index	

Reference:

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

NEW QUESTION 126

Select the answer that correctly completes the sentence.

Answer Area

An Azure Storage account must have

▼

- Blob soft delete
- Hierarchical namespace
- Large file shares
- Versioning

enabled to support Azure Data Lake

Answer Area

An Azure Storage account must have

▼

- Blob soft delete
- Hierarchical namespace
- Large file shares
- Versioning

enabled to support Azure Data Lake

NEW QUESTION 127

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.

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.

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.

NEW QUESTION 128

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

SalesDate	SalesAmount	ProductID
4-Apr-20	\$2,000	1
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.

The screenshot displays a SQL query builder interface with two examples of query completion. The top example shows the 'Values' section with buttons for 'CREATE', 'GROUP BY', 'ORDER BY', and 'SELECT'. The 'Answer Area' on the right shows the resulting SQL query: 'SELECT SalesDate, AVG(SalesAmount) FROM Sales GROUP BY SalesDate'. The bottom example shows the same 'Values' section, but with 'SELECT' and 'GROUP BY' highlighted in red. The 'Answer Area' on the right shows the resulting SQL query: '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 129

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

- * a linked service
- * an integration runtime
- * a control flow
- * a pipeline

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 130

Select the answer that correctly completes the sentence.

Answer Area

A clustered index is an object associated with a table that sorts and stores data rows based on their key values.

NEW QUESTION 131

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
The Azure Cosmos DB 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 Area

Statements	Yes	No
The Azure Cosmos DB 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 132

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

- sqlcmd
- * bcp
- * azdata
- *
- * Azure CLI

Section: Describe how to work with relational data on Azure

Explanation:

The sqlcmd utility lets you enter Transact-SQL statements, system procedures, and script files at the command prompt.

Incorrect Answers:

B: The bulk copy program utility (bcp) bulk copies data between an instance of Microsoft SQL Server and a data file in a user-specified format.

D: The Azure CLI is the defacto tool for cross-platform and command-line tools for building and managing Azure resources.

Reference:

<https://docs.microsoft.com/en-us/sql/tools/overview-sql-tools?view=sql-server-ver15>

NEW QUESTION 133

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 database-level firewall
- * role-based access control (RSAC)
- * Dynamic Host Configuration Protocol (DHCP)
- * Domain Name Service (DNS)

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.

Reference:

<https://www.sqlshack.com/configuring-the-azure-sql-database-firewall/>

NEW QUESTION 134

What are two uses of data visualization? Each correct answer present a complete solution.

NOTE: Each correct selection is worth one point.

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

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 135

Match the processes to the appropriate scenarios.

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

NOTE: Each correct match is worth one point.

Processes	Answer Area	
Data ingestion	<input type="text"/>	Data is retrieved and processed from a source system.
Extract, load, and transform (ELT) processing	<input type="text"/>	Data is saved to a target system.
Extract, transform, and load (ETL) processing	<input type="text"/>	Data is extracted from a source system and loaded into a target system.

Processes	Answer Area	
Data ingestion	Extract, transform, and load (ETL) processing	Data is retrieved and processed from a source system.
Extract, load, and transform (ELT) processing	Data ingestion	Data is saved to a target system.
Extract, transform, and load (ETL) processing	Extract, load, and transform (ELT) processing	Data is extracted from a source system and loaded into a target system.

Processes	Answer Area
Data ingestion	Extract, transform, and load (ETL) processing Data is retrieved and processed from a source system and saved to a target system.
Extract, load, and transform (ELT) processing	Data ingestion Data is saved to a target system.
Extract, transform, and load (ETL) processing	Extract, load, and transform (ELT) processing Data is extracted from a source system and saved to a target system.

NEW QUESTION 136

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 BI dashboard can display visualizations from a Microsoft Excel workbook.	<input type="radio"/>	<input type="radio"/>

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 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 137

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

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

- 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

NEW QUESTION 138

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 |
|--|-----------------------|-----------------------|
| 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 Area

- | 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 checked="" type="radio"/> | <input type="radio"/> |
| Batch processing can output data to a NoSQL database. | <input type="radio"/> | <input checked="" type="radio"/> |

NEW QUESTION 139

Select the answer that correctly completes the sentence.

Answer Area

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

- UPDATE
- CREATE
- DROP
- RENAME
- UPDATE

Answer Area

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

- UPDATE
- CREATE
- DROP
- RENAME
- UPDATE

Answer Area

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

NEW QUESTION 140

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.

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 141

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

Creating closed caption text for audio files is an example of _____ analytics.

exams.dumpsmaterials.com

cognitive
descriptive
predictive
prescriptive

Creating closed caption text for audio files is an example of _____ analytics.

exams.dumpsmaterials.com

cognitive
descriptive
predictive
prescriptive

Reference:

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

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

<https://docs.microsoft.com/en-us/azure/media-services/previous/media-services-index-content>

NEW QUESTION 142

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 uses 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 Area

Statements

Azure Synapse Analytics stores storage and compute independently.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Azure Synapse Analytics can be paused to reduce compute costs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
An Azure Synapse Analytics data warehouse has a fixed storage capacity.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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