

T estpassport Q&A



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Exam : **DP-900**

Title : Microsoft Azure Data
Fundamentals

Version : DEMO

1.HOTSPOT

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

Answer:

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.

Explanation:

Graphical user interface, text, application
Description automatically generated

2.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: A,B

Explanation:

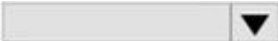
Data visualization is a key component in being able to gain insight into your data. It helps make big and small data easier for humans to understand. It also makes it easier to detect patterns, trends, and outliers in groups of data.

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

Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/spark/apache-spark-data-visualization>

3.HOTSPOT

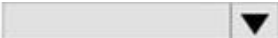
Select the answer that correctly completes the sentence.

A  is a chart of colored rectangles. The size of the rectangles represent

- line chart
- matrix
- scatter
- treemap

the relative value of each item. The chart can be hierarchical, displaying data as a set of rectangles nested within the main rectangle.

Answer:

A  is a chart of colored rectangles. The size of the rectangles represent

- line chart
- matrix
- scatter
- treemap

the relative value of each item. The chart can be hierarchical, displaying data as a set of rectangles nested within the main rectangle.

Explanation:

Graphical user interface, text, application, email

Description automatically generated

A treemap chart divides the chart area into rectangles that represent the different levels and relative sizes of the data hierarchy.

4.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.

Statements	Yes	No
Extract, transform, and load (ETL) can reduce the transfer of sensitive data to destination systems.	<input type="radio"/>	<input type="radio"/>
Extract, load, and transform (ELT) transforms data by using a compute resource independent of the source system and destination system.	<input type="radio"/>	<input type="radio"/>
Extract, load, and transform (ELT) minimizes the time it takes to copy large volumes of data to destination systems.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Extract, transform, and load (ETL) can reduce the transfer of sensitive data to destination systems.	<input type="radio"/>	<input checked="" type="radio"/>
Extract, load, and transform (ELT) transforms data by using a compute resource independent of the source system and destination system.	<input checked="" type="radio"/>	<input type="radio"/>
Extract, load, and transform (ELT) minimizes the time it takes to copy large volumes of data to destination systems.	<input type="radio"/>	<input checked="" type="radio"/>

Explanation:
A screenshot of a computer
Description automatically generated with medium confidence

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

Answer Area

A Microsoft Power BI fixed-layout documents or enables users to create highly formatted, archiving.

Answer:

Answer Area

A Microsoft Power BI fixed-layout documents or enables users to create highly formatted, archiving.

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