

➤ **Vendor: Microsoft**

➤ **Exam Code: DP-900**

➤ **Exam Name: Microsoft Azure Data Fundamentals**

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QUESTION 219

Which Azure Cosmos DB API should you use for a graph database?

- A. Table
- B. Cassandra
- C. Core (SQL)
- D. Gremlin

Answer: D

QUESTION 220

Hotspot Question

Select the answer that correctly completes the sentence.

Answer Area

is responsible for creating visuals and charts that help a company make informed decisions.

A data analyst
A data engineer
A data scientist
A database administrator

Answer:

Answer Area

is responsible for creating visuals and charts that help a company make informed decisions.

A data analyst
A data engineer
A data scientist
A database administrator

QUESTION 221

In Azure Table storage, each row in a table must be uniquely identified by which two components? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a partition key
- B. a range
- C. a row key
- D. a timestamp

Answer: AC

QUESTION 222

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

- A. GRANT
- B. INSERT
- C. REVOKE
- D. DROP

Answer: B

QUESTION 223

In a fully normalized database, how is data read and written for a single entity?

- A. Data is read from multiple tables and written to multiple tables.
- B. Data is read from a single table and written to a single table.
- C. Data is read from a single table and written to multiple tables.
- D. Data is read from multiple tables and written to a single table.

Answer: B

QUESTION 224

Hotspot Question

Select the answer that correctly completes the sentence.

XML-formatted files are examples of

<input type="text"/>
relational data.
semi-structured data.
unstructured data.

Answer:

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XML-formatted files are examples of

relational data.
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QUESTION 225

Drag and Drop Question

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	Data is retrieved and processed before being saved to a target system
Extract, load, and transform (ELT) processing	Data is saved to a target system, and then processed
Extract, transform, and load (ETL) processing	Data is extracted from a source system, and then saved to a target system

Answer:

Processes	Answer Area
	Data is retrieved and processed before being saved to a target system
	Data is saved to a target system, and then processed
	Data is extracted from a source system, and then saved to a target system

QUESTION 226

Hotspot Question

Select the answer that correctly completes the sentence.

Answer Area

In Microsoft Power BI, a

▼
dashboard
dataset
report
tile

 is a collection of visualizations that appear together on one or more pages.

Answer:

Answer Area

In Microsoft Power BI, a

▼
dashboard
dataset
report
tile

 is a collection of visualizations that appear together on one or more pages.

Explanation:

A Power BI dashboard is a single page, often called a canvas, that tells a story through visualizations. Because it's limited to one page, a well-designed dashboard contains only the highlights of that story. Readers can view related reports for the details.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboards>

QUESTION 227

You have data saved in the following format.

```
FirstName, LastName, Age, LeisureHobby, SportsHobby
John, Smith, 23, Reading, Backteball
Ben, Smith, 21, Guitar Curling
```

Which format was used?

- A. YAML
- B. CSV
- C. JSON
- D. HTML

Answer: A

QUESTION 228

A bank has a system that manages financial transactions.

When transferring money between accounts. the system must never retrieve a value for the source account that reflects the balance before the transfer and a value for the destination account that reflects the balance after the transfer.

Of which ACID semantic is this an example?

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

Answer: A

QUESTION 229

Hotspot Question

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 Lake storage can be used as a staging area for ingested data before the data is converted into a format suitable for performing analytics.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory is an analytics engine that uses a massively parallel processing (MPP) architecture.	<input type="radio"/>	<input type="radio"/>
Azure HDInsight enables you to build tabular models from multiple data sources to support online analytical processing (OLAP) queries.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
Azure Data Lake storage can be used as a staging area for ingested data before the data is converted into a format suitable for performing analytics.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory is an analytics engine that uses a massively parallel processing (MPP) architecture.	<input type="radio"/>	<input checked="" type="radio"/>
Azure HDInsight enables you to build tabular models from multiple data sources to support online analytical processing (OLAP) queries.	<input type="radio"/>	<input checked="" type="radio"/>

QUESTION 230

Hotspot Question

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
In a transactional database that guarantees atomicity, all statements in a transaction must complete successfully or the transaction must roll back.	<input type="radio"/>	<input type="radio"/>
In a transactional database that guarantees consistency, all data changes will be logged and accounted for.	<input type="radio"/>	<input type="radio"/>
In a transactional database that guarantees isolation, processes can see only data in a consistent state.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
In a transactional database that guarantees atomicity, all statements in a transaction must complete successfully or the transaction must roll back.	<input type="radio"/>	<input checked="" type="radio"/>
In a transactional database that guarantees consistency, all data changes will be logged and accounted for.	<input type="radio"/>	<input checked="" type="radio"/>
In a transactional database that guarantees isolation, processes can see only data in a consistent state.	<input checked="" type="radio"/>	<input type="radio"/>

QUESTION 231

Hotspot Question

Select the answer that correctly completes the sentence.

Answer Area

Social media users and followers in a graph database is an example of	<input type="text"/> <input type="text"/>
	<input type="radio"/> semi-structured data. <input type="radio"/> structured data. <input type="radio"/> unstructured data.

Answer:

Answer Area

Social media users and followers in a graph database is an example of	<input type="text"/> <input type="text"/>
	<input type="radio"/> semi-structured data. <input checked="" type="radio"/> structured data. <input type="radio"/> unstructured data.

QUESTION 232

Which Azure Storage service implements the key/value model?

- A. Azure Queue
- B. Azure Files
- C. Azure Table
- D. Azure Blob

Answer: C

QUESTION 233

What can be used with native notebook support to query and visualize data by using a web-based interface?

- A. Azure Databricks
- B. pgAdmin
- C. Microsoft Power BI

Answer: A