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Questions and Answers Demo PDF

# Microsoft

## DP-900 Exam

### Microsoft Azure Data Fundamentals Exam

#### Questions & Answers Demo



# Version: 5.0

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## Question: 1

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### HOTSPOT

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

writes that have varying data structures.

---

## Question: 2

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### HOTSPOT

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 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.

---

**Answer:**

---

Answer Area

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

data that is fully processed before being loaded to the target data store.

---

## Question: 3

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A bar chart showing year-to date sales by region is an example of which type of analytics?

- A. descriptive
- B. diagnostic
- C. predictive
- D. prescriptive

---

**Answer: B**

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**Question: 4**

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**HOTSPOT**

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

---

**Answer:**

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**Answer Area**

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

predictive

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**Question: 5**

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**DRAG DROP**

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:**

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**Locations**

An in-memory data integration tool

The CRM system

The data warehouse

\*\*\*\*\*

**Answer Area**

Extract: The data warehouse

Load: An in-memory data integration tool

Transform: The CRM system

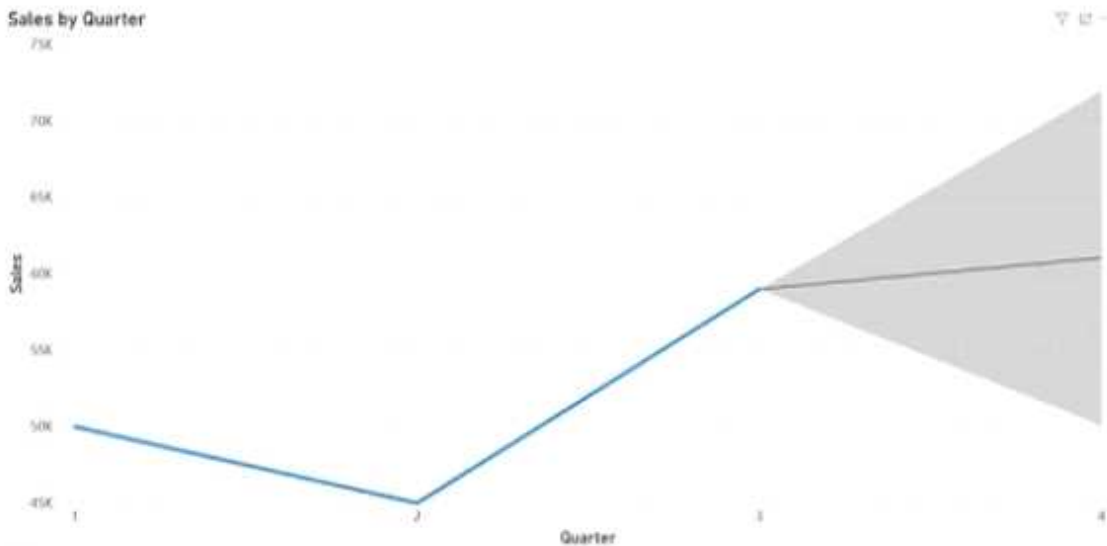
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**Question: 6**

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Your company recently reported sales from the third quarter. You have the chart shown in the following exhibit.



Which type of analysis is shown for the fourth quarter?

- A. predictive
- B. prescription
- C. descriptive
- D. diagnostic

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**Answer: B**

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### Question: 7

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#### DRAG DROP

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	Micro-batch	Streaming	

Workload Type	Data for a product catalog will be loaded every 12 hours to a data warehouse.
Workload Type	Data for online purchases will be loaded to a data warehouse as the purchases occur.
Workload Type	Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.

---

**Answer:**

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**Workload Types**

Batch	Micro-batch	Streaming
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**Answer Area**

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



**Question: 8****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.

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:**

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"/>

**Question: 9****DRAG DROP**

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
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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:**

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?

Reference:

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



[cognitive-analytics/](#)

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**Question: 10**

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HOTSPOT

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.

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**Answer:**

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Answer Area

Relational data is stored in

a hierarchal folder structure.





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