

## DP-900 Dumps

### Microsoft Azure Data Fundamentals

<https://www.certleader.com/DP-900-dumps.html>



### NEW QUESTION 1

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 2

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 3

What are two benefits of platform as a service (PaaS) relational database offerings in Azure, such as Azure SQL Database? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. complete control over backup and restore processes  
B. access to the latest features  
C. in-database machine learning services  
D. reduced administrative effort for managing the server infrastructure

**Answer:** BC

### NEW QUESTION 4

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 API 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"/>

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The Azure Cosmos DB API 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 5

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Batch workloads

process data in memory, row-by-row.

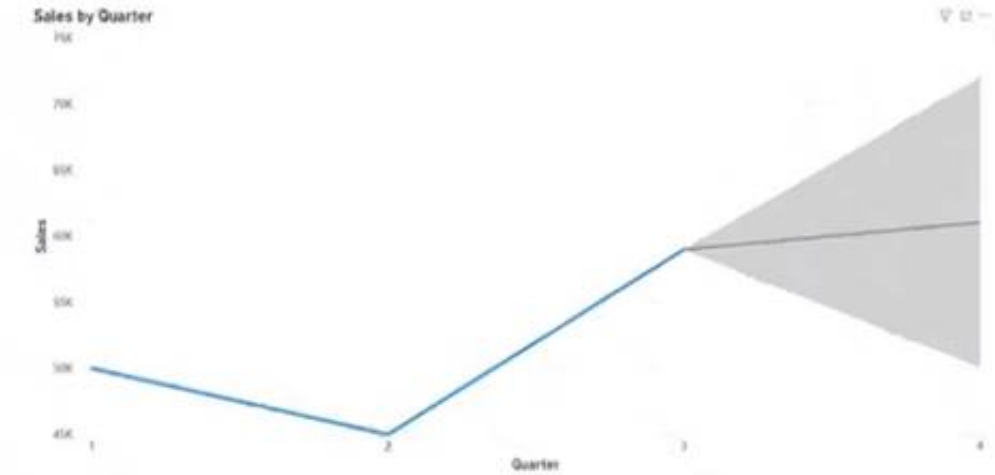
collect and process data at most once a day.

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 6

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

Answer: B

NEW QUESTION 7

Match the tools to the appropriate descriptions.

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

NOTE: Each correct match is worth one point.

Tools

Azure Data Studio

Microsoft SQL Server Data Tools (SSDT)

Microsoft SQL Server Management Studio (SSMS)

Microsoft Visual Studio Code

Answer Area

Tool

Tool

Tool

Tool

A graphical tool for managing Azure SQL databases and viewing SQL execution plans

A Microsoft SQL Server extension that supports connections to SQL Server and provides a rich editing experience for T-SQL

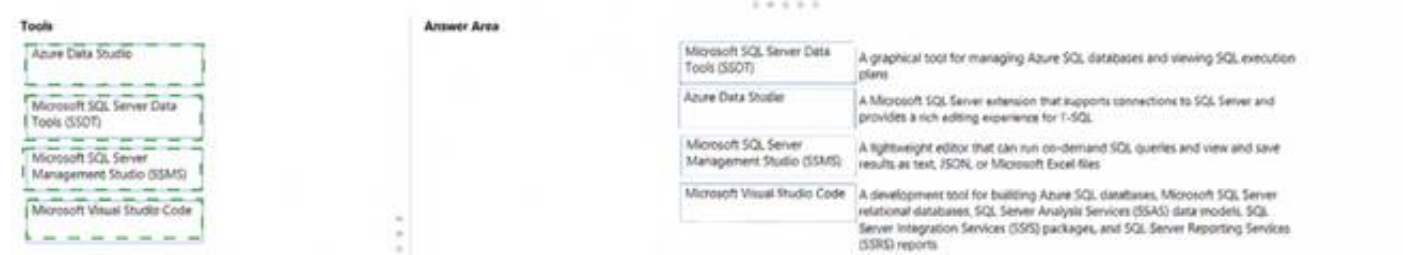
A lightweight editor that can run on-demand SQL queries and view and save results as text, JSON, or Microsoft Excel files

A development tool for building Azure SQL databases, Microsoft SQL Server relational databases, SQL Server Analysis Services (SSAS) data models, SQL Server Integration Services (SSIS) packages, and SQL Server Reporting Services (SSRS) reports

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 8**

Which Azure SQL offering supports automatic database scaling and automatic pausing of the database during inactive periods?

- A. Azure SQL Database Hyperscale  
B. Azure SQL managed instance  
C. Azure SQL Database serveless  
D. Azure SQL Database elastic pod

**Answer:** B

**NEW QUESTION 9**

Match the types of activities to the appropriate Azure Data Factory activities.

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

NOTE: Each correct match is worth one point.

Activity Types	Answer Area
Control	Copy
Data movement	Mapping data flow
Data transformation	Until

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Activity Types	Answer Area
Control	Copy
Data movement	Mapping data flow
Data transformation	Until

**NEW QUESTION 10**

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 10

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 12

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy.  
To answer, drag the appropriate term from the column on the left to its level on the right. Each term may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.

Azure Storage account

File share

File system

Level 1

Level 2

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Azure Storage account

File share

File system

Azure Resource Group

Azure Storage account

File share

Folders

Files

#### NEW QUESTION 15

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:** BD

#### NEW QUESTION 20

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 23**

You have an Azure Cosmos DB account that uses the Core (SQL) API.

Which two settings can you configure at the container level? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. the throughput
- B. the read region
- C. the partition key
- D. the API

**Answer:** AC

**NEW QUESTION 25**

match the Azure data factory components to the appropriate descriptions.

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

NOTE: Each correct match is worth one point.

Components

Dataset

Linked service

Mapping data flow

Pipeline

Answer Area

Component

A representation of data structures within data stores

Component

The information used to connect to external resources

Component

A logical grouping of activities that performs a unit of work and can be scheduled

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Components

Dataset

Linked service

Mapping data flow

Pipeline

Answer Area

Dataset

A representation of data structures within data stores

Linked service

The information used to connect to external resources

Mapping data flow

A logical grouping of activities that performs a unit of work and can be scheduled

**NEW QUESTION 30**

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 supports multiple read replicas.	<input type="radio"/>	<input type="radio"/>
Azure Table storage supports multiple write regions.	<input type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple read replicas.	<input type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple write regions.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Statements	Yes	No
Azure Table storage supports multiple read replicas.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Table storage supports multiple write regions.	<input type="radio"/>	<input checked="" type="radio"/>
The Azure Cosmos DB Table API supports multiple read replicas.	<input checked="" type="radio"/>	<input type="radio"/>
The Azure Cosmos DB Table API supports multiple write regions.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 34**

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

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?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Analytics Types

Cognitive

Descriptive

Diagnostic

Predictive

Prescriptive

Answer Area

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?

**NEW QUESTION 37**

Which scenario is an example of a streaming workload?

- A. sending transactions that are older than a month to an archive
- B. sending transactions daily from point of sale (POS) devices
- C. sending telemetry data from edge devices
- D. sending cloud infrastructure metadata every 30 minutes

Answer: C

**NEW QUESTION 41**

Match the security components to the appropriate scenarios.  
To answer, drag the appropriate component from the column on the left to its scenario on the right. Each component may be used once, more than once, or not at all.  
NOTE: Each correct match is worth one point.

Components

Authentication

Firewall

Encryption

Answer Area

Prevent access to an Azure SQL database from another network.

Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.

Ensure that sensitive data never appears as plain text in an Azure SQL database.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Components

Authentication

Firewall

Encryption

Answer Area

Firewall

Prevent access to an Azure SQL database from another network.

Authentication

Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.

Encryption

Ensure that sensitive data never appears as plain text in an Azure SQL database.

**NEW QUESTION 46**

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

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

D. Azure Blob Storage

**Answer:** A

**NEW QUESTION 48**

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

- A. INSERT
- B. DISABLE
- C. ALTER
- D. DROP

**Answer:** C

**NEW QUESTION 51**

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

**NEW QUESTION 54**

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

Transparent Data Encryption (TDE) encrypts ▼

a column to protect data at rest and in transit.
queries and their results in order to protect data in transit.
the database to protect data at rest.
the server to protect data at rest.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Transparent Data Encryption (TDE) encrypts ▼

a column to protect data at rest and in transit.
queries and their results in order to protect data in transit.
the database to protect data at rest.
the server to protect data at rest.

**NEW QUESTION 59**

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 use Azure Data Studio to query a Microsoft SQL Server big data cluster.	<input type="radio"/>	<input type="radio"/>
You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.	<input type="radio"/>	<input type="radio"/>
You can use MySQL Workbench to query Azure Database for MariaDB databases.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



Statements	Yes	No
You can use Azure Data Studio to query a Microsoft SQL Server big data cluster.	<input checked="" type="radio"/>	<input type="radio"/>
You can use Microsoft SQL Server Management Studio (SSMS) to query an Azure Synapse Analytics data warehouse.	<input checked="" type="radio"/>	<input type="radio"/>
You can use MySQL Workbench to query Azure Database for MariaDB databases.	<input checked="" type="radio"/>	<input type="radio"/>

#### NEW QUESTION 62

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:** C

#### NEW QUESTION 67

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

Descriptive analytics tells you ▼

what is most likely to occur in the future.
what occurred in the past.
which actions you can perform to affect outcomes.
why something occurred in the past.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Descriptive analytics tells you ▼

what is most likely to occur in the future.
what occurred in the past.
which actions you can perform to affect outcomes.
why something occurred in the past.

#### NEW QUESTION 71

You need to gather real-time telemetry data from a mobile application. Which type of workload describes this scenario?

- A. Online Transaction Processing (OLTP)
- B. batch
- C. massively parallel processing (MPP)
- D. streaming

**Answer:** D

#### NEW QUESTION 73

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:** A

#### NEW QUESTION 75

Which two Azure services can be used to provision Spark clusters? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Azure Databricks
- B. Azure Log Analytics
- C. Azure Time Series Insights
- D. Azure HDInsight

**Answer:** AD

**NEW QUESTION 79**

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 patches 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 patches 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 80**

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**

You have the following SQL query.

```
INSERT INTO dbo.Products (ProductID, ProductName, Price, ProductDescription)
VALUES (1, 'Clamp', 12.48, 'Workbench clamp');
```

NOTE: Each correct selection is worth one point.

**Answer Area**

Dbo.Products:	<div><div>A column</div><div>A database</div><div>A table</div><div>An index</div></div>
ProductName:	<div><div>A column</div><div>A database</div><div>A table</div><div>An index</div></div>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

dbo.Products:	<div><div>A column</div><div>A database</div><div>A table</div><div>An index</div></div>
ProductName:	<div><div>A column</div><div>A database</div><div>A table</div><div>An index</div></div>

### NEW QUESTION 89

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 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 92

Match the Azure Cosmos DB APIs to the appropriate data structures.

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

NOTE: Each correct match is worth one point.

**APIs**

Cassandra API

Gremlin API

MongoDB API

Table API

**Answer Area**

Graph data

JSON documents

Key/value data

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**APIs**

Cassandra API

Gremlin API

MongoDB API

Table API

**Answer Area**

Gremlin API

Graph data

MongoDB API

JSON documents

Table API

Key/value data

### NEW QUESTION 97

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 101**

What are three characteristics of an Online Transaction Processing (OLTP) workload? Each correct answer presents a complete solution. (Choose three.)  
NOTE: Each correct selection is worth one point.

- A. denormalized data
- B. heavy writes and moderate reads
- C. light writes and heavy reads
- D. schema on write
- E. schema on read
- F. normalized data

**Answer:** BDE

**NEW QUESTION 105**

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

Batch

Micro-batch

Streaming

Answer Area

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.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Workload Types

Batch

Micro-batch

Streaming

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.

**NEW QUESTION 107**

Your company needs to ensure that in Azure virtual machine can connect to Azure SQL databases without exposing the databases to the internet. What should you use?

- A. Azure DNS
- B. Azure Application Gateway
- C. Azure Private link
- D. Azure Traffic Manager

**Answer:** B

**NEW QUESTION 108**

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

Azure Services

Azure Data Factory

Azure Data Lake Storage

Azure SQL Database

Azure Synapse Analytics

Answer Area

Azure Service

Output data to Parquet format.

Azure Service

Store data that is in Parquet format.

Azure Service

Persist a tabular representation of data that is stored in Parquet format.

- A. Mastered
- B. Not Mastered

**Answer:** A



A diagram titled "Azure Services" showing four services in a dashed green box. The services are arranged in two rows. The top row contains "Azure Data Factory", "Azure Data Lake Storage", and "Azure SQL Database". The bottom row contains "Azure Synapse Analytics". A mouse cursor is pointing at "Azure Data Lake Storage".

NOTE: Each correct selection is worth one point.



- Answer: A**

The diagram illustrates a data integration process flow. It consists of two main sections: 'Locations' and 'Answer Area'.

**Locations:**

- As in-memory data integration tool
- The data warehouse

**Answer Area:**

- Extract
- Load
- Transform

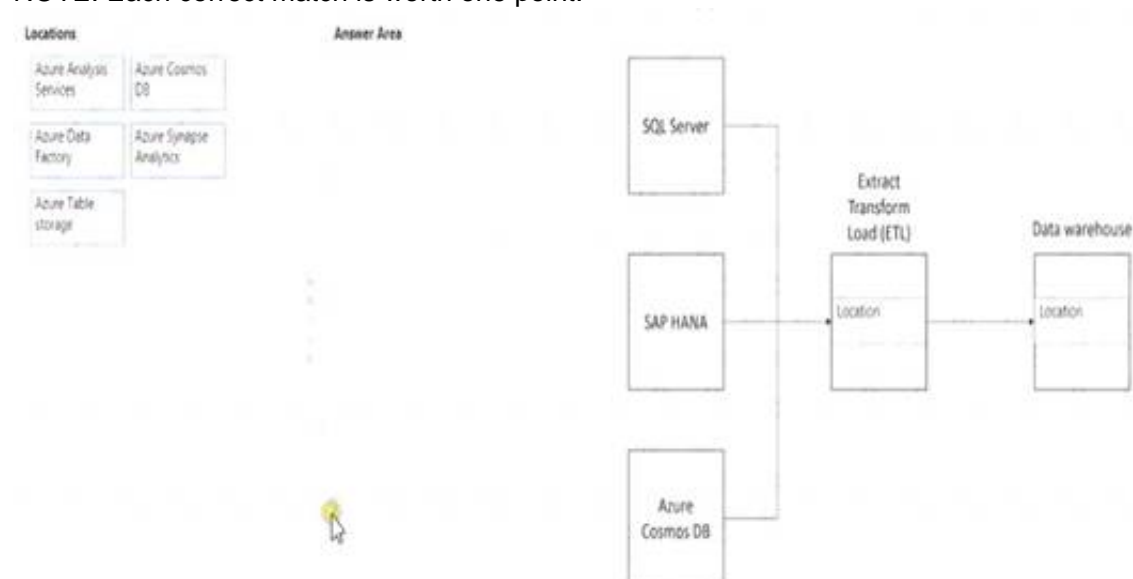
The flow is as follows:

- The 'Extract' step is connected to 'The data warehouse'.
- The 'Load' step is connected to 'As in-memory data integration tool'.
- The 'Transform' step is connected to 'The CRM system'.

A. Power BI report Builder  
B. Power BI Desktop  
C. Charticator  
D. the Power BI service

**Answer: B**

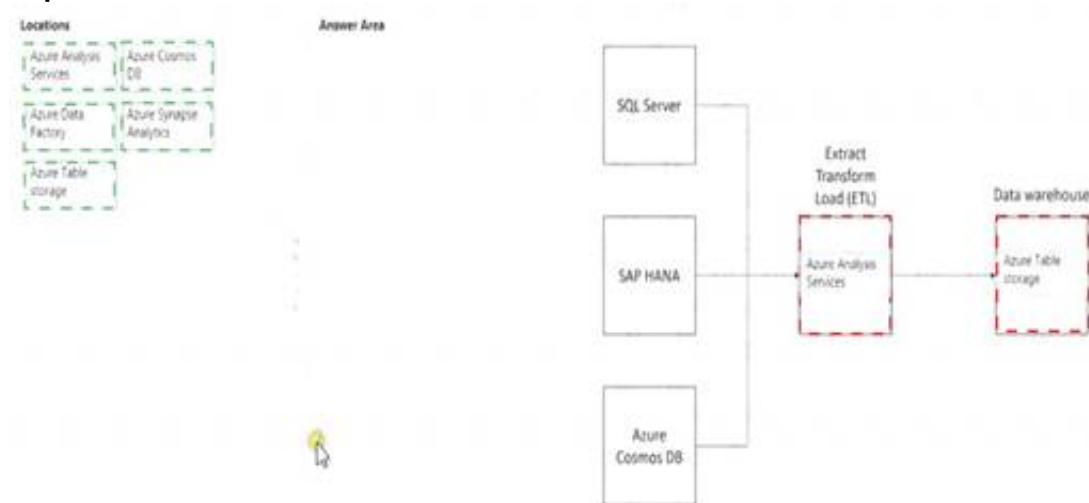
NOTE: Each correct match is worth one point.



- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 119**

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

<div><div>▼</div><div>A clustered index</div><div>A FileTable</div><div>A foreign key</div><div>A stored procedure</div></div>	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:**

<div><div>▼</div><div>A clustered index</div><div>A FileTable</div><div>A foreign key</div><div>A stored procedure</div></div>	is an object associated with a table that sorts and stores the data rows in the table based on their key values.
--	--

**NEW QUESTION 120**

When you create an Azure SQL database, which account can always connect to the database ?

- A. the Azure Active director/ (Azure AO) account that created the database  
B. the Azure Active Directly Azure AD) administrator account  
C. the sa account  
D. the server admin login account of the logical server

**Answer:** B

**NEW QUESTION 121**

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

By default, each Azure SQL database is protected by	<div><div>▼</div><div>a network security group (NSG).</div><div>a server-level firewall.</div><div>Azure Firewall.</div><div>Azure Front Door.</div></div>
---	--

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

By default, each Azure SQL database is protected by

a network security group (NSG).

a server-level firewall.

Azure Firewall.

Azure Front Door.

**NEW QUESTION 125**

You have a SQL query that combines customer data and order data. The query includes calculated columns. You need to persist the SQL query so that other users can use the query. What should you create?

- A. a table
- B. an index
- C. scalar function
- D. a view

**Answer:** B

**NEW QUESTION 127**

Your company is designing a data store that will contain student data. The data has the following format.

StudentNumber	StudentInformation
7634634	First name: Ben Last: Smith Preferred Name: Benjamin
7634634	First Name: Dominik Last Name: Paiha Email Address: dpaiha@contoso.com MCP ID: 931817
7634636	First Name: Reshma Last Name: Patel Phone number: 514-555-1101
7634637	First Name: Yun-Feng Last Name: Peng

Which type of data store should you use?

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

**Answer:** D

**NEW QUESTION 130**

What is a benefit of the Azure Cosmos DB Table API as compared to Azure Table storage?

- A. supports partitioning
- B. provides resiliency if art Azure region fads
- C. provides a higher storage capacity
- D. supports a multi-master model

**Answer:** B

**NEW QUESTION 135**

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
Relational database tables contain columns and rows.	<input type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

Statements	Yes	No
Relational database tables contain columns and rows.	<input checked="" type="radio"/>	<input type="radio"/>
Indexes in a relational database describe the data types in a table.	<input checked="" type="radio"/>	<input type="radio"/>
A database view is a virtual table whose content is defined by a query.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 138**

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

Answer Area

A key/value data store is optimized for

enforcing constraints.

simple lookups.

table joins.

transactions.

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

A key/value data store is optimized for

enforcing constraints.

simple lookups.

table joins.

transactions.

**NEW QUESTION 139**

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

A relational database must be used when

a dynamic schema is required.

data will be stored as key/value pairs.

storing large images and videos.

strong consistency guarantees are required.

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

A relational database must be used when

a dynamic schema is required.

data will be stored as key/value pairs.

storing large images and videos.

strong consistency guarantees are required.

**NEW QUESTION 141**

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 hierarchical folder structure.

a tabular form of rows and columns.

comma-separated value (CSV) files.

NEW QUESTION 142

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 147

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.

Values

CREATE

GROUP BY

ORDER BY

SELECT

Answer Area

Value

SalesDate, AVG(SalesAmount)

FROM sales

Value

SalesDate

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Values

CREATE

GROUP BY

ORDER BY

SELECT

Answer Area

CREATE

SalesDate, AVG(SalesAmount)

FROM Sales

SELECT

SalesDate

NEW QUESTION 150

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 154

You are deploying a software as a service (SaaS) application that requires a relational database for Online Transaction Processing (OLTP). Which Azure service should you use to support the application?

- A. Azure Cosmos D3
- B. Azure Synapse Analytics
- C. Azure HCMmtghi
- D. Azure SQL Database

Answer: B

NEW QUESTION 156

A team of developers has computers Thai run Windows 10 and Ubuntu Desktop.  
The developers need to connect to and query an Azure SCX database from the computers. The developers require code assistance features such as intellSense.  
What should the developers use ?

- A. Azure Data Studio
- B. sq1cmd
- C. Microsoft SQL Server Management Studio (SSMS)
- D. Azure Data Explorer

Answer: B

NEW QUESTION 159

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

In Azure Data Factory, you can use 

a control flow

a dataset

a linked service

an integration runtime

 to orchestrate pipeline 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 

a control flow

a dataset

a linked service

an integration runtime

 to orchestrate pipeline activities that depend on the output of other pipeline activities.

**NEW QUESTION 163**

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
Processing salary payments once a month is an example of a batch workload.	<input type="radio"/>	<input type="radio"/>
A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.	<input type="radio"/>	<input type="radio"/>
A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Statements	Yes	No
Processing salary payments once a month is an example of a batch workload.	<input checked="" type="radio"/>	<input type="radio"/>
A wind turbine that sends 50 sensor readings per second is an example of a streaming workload.	<input checked="" type="radio"/>	<input type="radio"/>
A home electricity meter that sends readings once a day to an energy provider is an example of a streaming workload.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 165**

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