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The DP-700 web-based practice exam requires no installation so you can start your preparation instantly right after you purchase. With thousands of satisfied customers around the globe, questions of the Implementing Data Engineering Solutions Using Microsoft Fabric (DP-700) exam dumps are real so you can pass the Implementing Data Engineering Solutions Using Microsoft Fabric (DP-700) certification on the very first attempt. Hence, it reduces your chances of failure and you can save money and time as well. Microsoft exam questions come in three formats i.e., web-based practice test, desktop practice test software, and PDF dumps.

Microsoft DP-700 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> Implement and manage an analytics solution: This section of the exam measures the skills of Microsoft Data Analysts regarding configuring various workspace settings in Microsoft Fabric. It focuses on setting up Microsoft Fabric workspaces, including Spark and domain workspace configurations, as well as implementing lifecycle management and version control. One skill to be measured is creating deployment pipelines for analytics solutions.
Topic 2	<ul style="list-style-type: none"> Monitor and optimize an analytics solution: This section of the exam measures the skills of Data Analysts in monitoring various components of analytics solutions in Microsoft Fabric. It focuses on tracking data ingestion, transformation processes, and semantic model refreshes while configuring alerts for error resolution. One skill to be measured is identifying performance bottlenecks in analytics workflows.
Topic 3	<ul style="list-style-type: none"> Ingest and transform data: This section of the exam measures the skills of Data Engineers that cover designing and implementing data loading patterns. It emphasizes preparing data for loading into dimensional models, handling batch and streaming data ingestion, and transforming data using various methods. A skill to be measured is applying appropriate transformation techniques to ensure data quality.

Microsoft Implementing Data Engineering Solutions Using Microsoft Fabric Sample Questions (Q71-Q76):

NEW QUESTION # 71

You have a Fabric workspace named Workspace1 that contains a data pipeline named Pipeline1 and a lakehouse named Lakehouse1.

You have a deployment pipeline named deployPipeline1 that deploys Workspace1 to Workspace2.

You restructure Workspace1 by adding a folder named Folder1 and moving Pipeline1 to Folder1.

You use deployPipeline1 to deploy Workspace1 to Workspace2.

What occurs to Workspace2?

- A. Folder1 is created, Pipeline1 moves to Folder1, and Lakehouse1 is deployed.
- B. Folder1 is created, and Pipeline1 and Lakehouse1 move to Folder1.
- C. Only Folder1 is created and Pipeline1 moves to Folder1.
- D. Only Pipeline1 and Lakehouse1 are deployed.

Answer: A

Explanation:

When you restructure Workspace1 by adding a new folder (Folder1) and moving Pipeline1 into it, deployPipeline1 will deploy the entire structure of Workspace1 to Workspace2, preserving the changes made in Workspace1. This includes:

Folder1 will be created in Workspace2, mirroring the structure in Workspace1.

Pipeline1 will be moved into Folder1 in Workspace2, maintaining the same folder structure.

Lakehouse1 will be deployed to Workspace2 as it exists in Workspace1.

NEW QUESTION # 72

You have an Azure Data Lake Storage Gen2 account named storage1 and an Amazon S3 bucket named storage2.

You have the Delta Parquet files shown in the following table.

Name	Stored in	Size	Description
ProductFile	storage1	50 MB	Contains a list of products and their details
TripsFile	storage2	2 GB	Contains one month's worth of taxi trip data
StoreFile	storage2	25 MB	Contains a list of stores and their addresses

You have a Fabric workspace named Workspace1 that has the cache for shortcuts enabled. Workspace1 contains a lakehouse named Lakehouse1. Lakehouse1 has the following shortcuts:

A shortcut to ProductFile aliased as Products

A shortcut to StoreFile aliased as Stores

A shortcut to TripsFile aliased as Trips

The data from which shortcuts will be retrieved from the cache?

- A. Products, Stores, and Trips
- B. Stores only
- C. Trips and Stores only
- D. Products and Store only
- E. Products only

Answer: D

Explanation:

When the cache for shortcuts is enabled in Fabric, the data retrieval is governed by the caching behavior, which generally retains data for a specific period after it was last accessed. The data from the shortcuts will be retrieved from the cache if the data is stored in locations that support caching. Here's a breakdown based on the data's location:

Products: The ProductFile is stored in Azure Data Lake Storage Gen2 (storage1). Since Azure Data Lake is a supported storage system in Fabric and the file is relatively small (50 MB), this data is most likely cached and can be retrieved from the cache.

Stores: The StoreFile is stored in Amazon S3 (storage2), and even though it is stored in a different cloud provider, Fabric can cache data from Amazon S3 if caching is enabled. This data (25 MB) is likely cached and retrievable.

Trips: The TripsFile is stored in Amazon S3 (storage2) and is significantly larger (2 GB) compared to the other files. While Fabric can cache data from Amazon S3, the larger size of the file (2 GB) may exceed typical cache sizes or retention windows, causing this file to likely be retrieved directly from the source instead of the cache.

NEW QUESTION # 73

HOTSPOT

You are processing streaming data from an external data provider.

You have the following code segment.

```
datatable (Location:string, Company:string, UnitsSold:long)
[
  "New York", "Contoso", 300,
  "New York", "Litware", 1000,
  "New York", "Relecloud", 300,
  "New York", "Fabrikam", 200,
  "Seattle", "Contoso", 300,
  "Seattle", "Litware", 100,
  "Seattle", "Fabrikam", 100,
  "San Francisco", "Relecloud", 500,
  "San Francisco", "Litware", 500,
  "Washington DC", "Litware", 300,
  "Washington DC", "Contoso", 400
]
| sort by Location desc, UnitsSold desc
| extend Rank=row rank dense(UnitsSold, prev(Location) != Location)
```

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	Yes	No
Litware from New York will be displayed at the top of the result set.	<input type="radio"/>	<input type="radio"/>
Fabrikam in Seattle will have value = 2 in the Rank column.	<input type="radio"/>	<input type="radio"/>
Litware in San Francisco will have the same value in the Rank column as Litware in New York.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Statements

Litware from New York will be displayed at the top of the result set.

Yes	No
<input checked="" type="radio"/>	<input type="radio"/>

Fabrikam in Seattle will have value = 2 in the Rank column.

Yes	No
<input type="radio"/>	<input checked="" type="radio"/>

Litware in San Francisco will have the same value in the Rank column as Litware in New York.

Yes	No
<input type="radio"/>	<input checked="" type="radio"/>

Explanation:

Answer Area

Statements

Litware from New York will be displayed at the top of the result set.

Yes	No
<input checked="" type="radio"/>	<input type="radio"/>

Fabrikam in Seattle will have value = 2 in the Rank column.

Yes	No
<input type="radio"/>	<input checked="" type="radio"/>

Litware in San Francisco will have the same value in the Rank column as Litware in New York.

Yes	No
<input type="radio"/>	<input checked="" type="radio"/>

Litware from New York will be displayed at the top of the result set - Yes The data is sorted first by Location in descending order

and then by UnitsSold in descending order. Since

"New York" is alphabetically the last Location, it will appear first in the result set. Within "New York", Litware has the highest UnitsSold (1000), so it will be displayed at the top.

Fabrikam in Seattle will have value = 2 in the Rank column - No

The row_rank_dense function assigns dense ranks based on UnitsSold within each location. In "Seattle":

Contoso has UnitsSold = 300 # Rank 1

Litware has UnitsSold = 100 # Rank 2

Fabrikam also has UnitsSold = 100, so it shares the same rank (2) as Litware.

Litware in San Francisco will have the same value in the Rank column as Litware in New York - No The rank is calculated separately for each location. In "San Francisco":

Both Relecloud and Litware have UnitsSold = 500, so they share the same rank (1).

In "New York", Litware has the highest UnitsSold = 1000 # Rank 1.

Since ranks are calculated independently for each location, Litware in San Francisco does not share the same rank as Litware in New York.

NEW QUESTION # 74

You have an Azure key vault named KeyVault1 that contains secrets.

You have a Fabric workspace named Workspace!. Workspace! contains a notebook named Notebook1 that performs the following tasks:

- * Loads stage data to the target tables in a lakehouse

- * Triggers the refresh of a semantic model

You plan to add functionality to Notebook1 that will use the Fabric API to monitor the semantic model refreshes. You need to retrieve the registered application ID and secret from KeyVault to generate the authentication token. Solution: You use the following code segment:

Use notebookutils.credentials.getSecret and specify key vault URL and the name of a linked service.

Does this meet the goal?

- A. No
- B. Yes

Answer: A

NEW QUESTION # 75

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Fabric eventstream that loads data into a table named Bike_Location in a KQL database. The table contains the following columns:

BikepointID

Street

Neighbourhood

No_Bikes

No_Empty_Docks

Timestamp

You need to apply transformation and filter logic to prepare the data for consumption. The solution must return data for a neighbourhood named Sands End when No_Bikes is at least 15. The results must be ordered by No_Bikes in ascending order.

Solution: You use the following code segment:

Does this meet the goal?

- A. no
- B. Yes

Answer: A

Explanation:

This code does not meet the goal because this is an SQL-like query and cannot be executed in KQL, which is required for the

