

DP-700 Interactive Practice Exam, Valid DP-700 Test Registration



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Microsoft DP-700 Exam Syllabus Topics:

Topic	Details
Topic 1	<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 2	<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 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.

>> DP-700 Interactive Practice Exam <<

2025 Latest DP-700: Implementing Data Engineering Solutions Using Microsoft Fabric Interactive Practice Exam

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Microsoft Implementing Data Engineering Solutions Using Microsoft Fabric Sample Questions (Q69-Q74):

NEW QUESTION # 69

You have a Fabric workspace that contains a warehouse named Warehouse!. Warehouse! contains a table named DimCustomers. DimCustomers contains the following columns:

- * CustomerName
- * CustomerID
- * BirthDate
- * Email

You need to configure security to meet the following requirements:

- * BirthDate in DimCustomer must be masked and display 1900-01-01.
- * Email in DimCustomer must be masked and display only the first leading character and the last five characters.

How should you complete the statement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

The screenshot shows the Microsoft Fabric SQL editor interface. It displays two SQL statements for altering the DimCustomer table. The first statement is for the BirthDate column, and the second is for the EmailAddress column. Both statements are in the 'ALTER MASKED WITH (FUNCTION = ...)' format. The dropdown menus for the functions are open, showing the available options.

```
ALTER TABLE DimCustomer  
ALTER COLUMN BirthDate  
ADD MASKED WITH (FUNCTION = 'default()')  
  
ALTER TABLE DimCustomer  
ALTER COLUMN EmailAddress  
ADD MASKED WITH (FUNCTION = 'random(1, "@", 5)')
```

Answer:

Explanation:

The screenshot shows the Microsoft Fabric SQL editor interface, similar to the one above, but with the correct options selected for the masking functions. The BirthDate column is masked with 'default()', and the EmailAddress column is masked with 'random(1, "@", 5)'. The correct options are highlighted with green dashed boxes.

```
ALTER TABLE DimCustomer  
ALTER COLUMN BirthDate  
ADD MASKED WITH (FUNCTION = 'default()')  
  
ALTER TABLE DimCustomer  
ALTER COLUMN EmailAddress  
ADD MASKED WITH (FUNCTION = 'random(1, "@", 5)')
```

Explanation:

Answer Area

```
ALTER TABLE DimCustomer
```

```
ALTER COLUMN BirthDate
```

```
ADD MASKED WITH (FUNCTION = 'default()')
```

```
ALTER TABLE DimCustomer
```

```
ALTER COLUMN EmailAddress
```

```
ADD MASKED WITH (FUNCTION = 'random (1, "@", 5)')
```

NEW QUESTION # 70

You have a Fabric workspace named Workspace1 that contains the items shown in the following table.

Name	Type
Notebook1	Notebook
Notebook2	Notebook
Lakehouse1	Lakehouse
Pipeline1	Data pipeline
Model1	Semantic model

For Model1, the Keep your Direct Lake data up to date option is disabled.

You need to configure the execution of the items to meet the following requirements:

Notebook1 must execute every weekday at 8:00 AM.

Notebook2 must execute when a file is saved to an Azure Blob Storage container.

Model1 must refresh when Notebook1 has executed successfully.

How should you orchestrate each item? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Notebook1:

Notebook2:


Pipeline1:

Model1:

Answer:

Explanation:

Answer Area



Notebook1:

- Add Notebook1 to an Apache Spark job definition.
- Add Notebook1 to Pipeline1.
- From Real-Time hub, configure the execution of Notebook1

Notebook2:

- Add Notebook2 to an Apache Spark job definition.
- Add Notebook2 to Pipeline1.
- From Real-Time hub, configure the execution of Notebook2

Pipeline1:

- Add Pipeline1 to an Apache Spark job definition.
- Configure the execution of Pipeline1 by using a schedule
- From Real-Time hub, configure the execution of Pipeline1.

Model1:

- Add Model1 to Pipeline1
- From Real-Time hub, configure Model1 to refresh.
- Set Keep your Direct Lake data up to date to On.


NEW QUESTION # 71

You are building a data loading pattern by using a Fabric data pipeline. The source is an Azure SQL database that contains 25 tables. The destination is a lakehouse.

In a warehouse, you create a control table named ControlObject as shown in the exhibit. (Click the Exhibit tab.) You need to build a data pipeline that will support the dynamic ingestion of the tables listed in the control table by using a single execution.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions



- Add a Get metadata activity to query ControlObject and generate a list of schemas and tables to copy.
- Add an Until activity to iterate over the list of tables and copy the source data to the lakehouse Delta tables.
- Add a Lookup activity to query ControlObject and generate a list of the schemas and tables to copy.
- Add a ForEach activity to iterate over the list of tables and copy the source data to the lakehouse Delta tables.
- Add a Copy data activity as an inner activity to the iterator activity.

Answer Area

Answer:

Explanation:

Actions

- Add a Get metadata activity to query Control.Object and generate a list of schemas and tables to copy.
- Add an Until activity to iterate over the list of tables and copy the source data to the lakehouse Delta tables.
- Add a Lookup activity to query Control.Object and generate a list of the schemas and tables to copy.
- Add a ForEach activity to iterate over the list of tables and copy the source data to the lakehouse Delta tables.
- Add a Copy data activity as an inner activity to the iterator activity.

Answer Area

- Add a Lookup activity to query Control.Object and generate a list of the schemas and tables to copy.
- Add a ForEach activity to iterate over the list of tables and copy the source data to the lakehouse Delta tables.
- Add a Copy data activity as an inner activity to the iterator activity.

Explanation:

Actions

- Add a Get metadata activity to query Control.Object and generate a list of schemas and tables to copy.
- Add an Until activity to iterate over the list of tables and copy the source data to the lakehouse Delta tables.

Answer Area

- Add a Lookup activity to query Control.Object and generate a list of the schemas and tables to copy.
- Add a ForEach activity to iterate over the list of tables and copy the source data to the lakehouse Delta tables.
- Add a Copy data activity as an inner activity to the iterator activity.

NEW QUESTION # 72

You are building a data orchestration pattern by using a Fabric data pipeline named Dynamic Data Copy as shown in the exhibit. (Click the Exhibit tab.)

Dynamic Data Copy does NOT use parametrization.

You need to configure the ForEach activity to receive the list of tables to be copied.

How should you complete the pipeline expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

@activity('

Lookup Schema and Table

Batch Object Copy

Dynamic Data Copy

Extraction Loop

Lookup Schema and Table

'),

output.value

output

output.count

output.pipelineReturnValue

output.value

Answer:

Explanation:

Answer Area

@activity('Lookup Schema and Table').

output.value
output
output.count
output.pipelineReturnValue
output.value

Explanation:

Answer Area

@activity('Lookup Schema and Table').

output.value

NEW QUESTION # 73

You have a Fabric workspace named Workspace1 that contains the items shown in the following table.

Name	Type
Notebook1	Notebook
Notebook2	Notebook
Lakehouse1	Lakehouse
Pipeline1	Data pipeline
Model1	Semantic model

For Model1, the Keep your Direct Lake data up to date option is disabled.

You need to configure the execution of the items to meet the following requirements:

How should you orchestrate each item? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Notebook1: Add Notebook1 to an Apache Spark job definition.
Add Notebook1 to Pipeline1.
From Real-Time hub, configure the execution of Notebook1

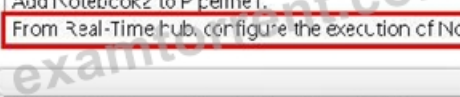
Notebook2: Add Notebook2 to an Apache Spark job definition.
Add Notebook2 to Pipeline1.
From Real-Time hub, configure the execution of Notebook2

Pipeline1: Add Pipeline1 to an Apache Spark job definition.
Configure the execution of Pipeline1 by using a schedule.
From Real-Time hub, configure the execution of Pipeline1.

Model1: Add Model1 to Pipeline1.
From Real-Time hub, configure Model1 to refresh.
Set Keep your Direct Lake data up to date to On.

Answer:

Explanation:



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