



Microsoft

DP-700 Exam

Implementing Data Engineering Solutions Using Microsoft Fabric Exam

Exam Latest Version: 9.3

DEMO Version

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Question 1. (HOTSPOT)

You need to recommend a method to populate the POS1 data to the lakehouse medallion layers.

What should you recommend for each layer? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Bronze layer:

<input type="checkbox"/>	A Dataflow Gen2 dataflow
<input type="checkbox"/>	A notebook
<input type="checkbox"/>	A pipeline Copy activity
<input type="checkbox"/>	A pipeline stored procedure

Silver layer:

<input type="checkbox"/>	A Dataflow Gen2 dataflow
<input type="checkbox"/>	A notebook
<input type="checkbox"/>	A pipeline Copy activity
<input type="checkbox"/>	A pipeline stored procedure

Correct Answer:

Bronze layer:

- A Dataflow Gen2 dataflow
- A notebook
- A pipeline Copy activity
- A pipeline stored procedure

Silver layer:

- A Dataflow Gen2 dataflow
- A notebook
- A pipeline Copy activity
- A pipeline stored procedure

Question 2. (DRAGDROP)

You need to ensure that the authors can see only their respective sales data.

How should you complete the statement? To answer, drag the appropriate values 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	Answer Area	
<input type="text" value="AuthorSales"/>	<pre>CREATE FUNCTION dbo.tvf_rlspredicate(@Author AS varchar(50))</pre>	No
<input type="text" value="AuthorEmail"/>	<pre> RETURNS TABLE</pre>	<input type="radio"/>
<input type="text" value="AuthorSales.AuthorEmail"/>	<pre> WITH <input type="text"/></pre>	<input type="radio"/>
<input type="text" value="BLOCK"/>	<pre> AS</pre>	<input type="radio"/>
<input type="text" value="FILTER"/>	<pre> RETURN SELECT 1 AS tvf_rlspredicate_result</pre>	<input type="radio"/>
<input type="text" value="INLINE"/>	<pre> WHERE @Author = <input type="text"/></pre>	
<input type="text" value="SCHEMABINDING"/>	<pre> GO</pre>	
<input type="text" value="USER_NAME()"/>	<pre> CREATE SECURITY POLICY RLSfilter</pre>	
	<pre> ADD FILTER PREDICATE Security.tvf_rlspredicate(AuthorEmail)</pre>	
	<pre> ON <input type="text"/></pre>	
	<pre> WITH (STATE = ON)</pre>	

Correct Answer:

Values

- AuthorSales
- AuthorEmail
- AuthorSales.AuthorEmail
- BLOCK
- FILTER
- INLINE
- SCHEMABINDING
- USER_NAME()

Answer Area

```
CREATE FUNCTION dbo.tvf_rlspredicate(@Author AS varchar(50))
RETURNS TABLE
WITH SCHEMABINDING
AS
RETURN SELECT 1 AS tvf_rlspredicate_result
WHERE @Author = USER_NAME()
GO

CREATE SECURITY POLICY RLSfilter
ADD FILTER PREDICATE Security.tvf_rlspredicate(AuthorEmail)
ON Authorsales
WITH (STATE = ON)
```

No

Question 3. (Single Select)

You need to ensure that the data analysts can access the gold layer lakehouse.

What should you do?

- A: Add the DataAnalyst group to the Viewer role for Workspace
- B: Share the lakehouse with the DataAnalysts group and grant the Build reports on the default semantic model permission.
- C: Share the lakehouse with the DataAnalysts group and grant the Read all SQL Endpoint data permission.
- D: Share the lakehouse with the DataAnalysts group and grant the Read all Apache Spark permission.

Correct Answer: C

Explanation:

Data Analysts' Access Requirements must only have read access to the Delta tables in the gold layer and not have access to the bronze and silver layers.

The gold layer data is typically queried via SQL Endpoints. Granting the Read all SQL Endpoint

data permission allows data analysts to query the data using familiar SQL-based tools while restricting access to the underlying files.

Question 4. (Multi Select)

You need to populate the MAR1 data in the bronze layer.

Which two types of activities should you include in the pipeline? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A: ForEach
- B: Copy data
- C: WebHook
- D: Stored procedure

Correct Answer: A, B

Explanation:

MAR1 has seven entities, each accessible via a different API endpoint. A ForEach activity is required to iterate over these endpoints to fetch data from each one. It enables dynamic execution of API calls for each entity.

The Copy data activity is the primary mechanism to extract data from REST APIs and load it into the bronze layer in Delta format. It supports native connectors for REST APIs and Delta, minimizing development effort.

Question 5. (Single Select)

You need to schedule the population of the medallion layers to meet the technical requirements.

What should you do?

A: Schedule a data pipeline that calls other data pipelines.

B: Schedule a notebook.

C: Schedule an Apache Spark job.

D: Schedule multiple data pipelines.

Correct Answer: A

Explanation:

The technical requirements specify that:

Medallion layers must be fully populated sequentially (bronze !' s be populated before the next.

If any step fails, the process must notify the data engineers.

Data imports should run simultaneously when possible.

Why Use a Data Pipeline That Calls Other Data Pipelines?

A data pipeline provides a modular and reusable approach to orchestrating the sequential population of medallion layers.

By calling other pipelines, each pipeline can focus on populating a specific layer (bronze, silver, or gold), simplifying development and maintenance.

A parent pipeline can handle:

- Sequential execution of child pipelines.
- Error handling to send email notifications upon failures.
- Parallel execution of tasks where possible (e.g., simultaneous imports into the bronze layer).



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