

Latest DP-600 Dumps Ppt - DP-600 Test Questions



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Microsoft DP-600 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Maintain a data analytics solution: This section of the exam measures the skills of administrators and covers tasks related to enforcing security and managing the Power BI environment. It involves setting up access controls at both workspace and item levels, ensuring appropriate permissions for users and groups. Row-level, column-level, object-level, and file-level access controls are also included, alongside the application of sensitivity labels to classify data securely. This section also tests the ability to endorse Power BI items for organizational use and oversee the complete development lifecycle of analytics assets by configuring version control, managing Power BI Desktop projects, setting up deployment pipelines, assessing downstream impacts from various data assets, and handling semantic model deployments using XMLA endpoint. Reusable asset management is also a part of this domain.
Topic 2	<ul style="list-style-type: none">Prepare data: This section of the exam measures the skills of engineers and covers essential data preparation tasks. It includes establishing data connections and discovering sources through tools like the OneLake data hub and the real-time hub. Candidates must demonstrate knowledge of selecting the appropriate storage type—lakehouse, warehouse, or eventhouse—depending on the use case. It also includes implementing OneLake integrations with Eventhouse and semantic models. The transformation part involves creating views, stored procedures, and functions, as well as enriching, merging, denormalizing, and aggregating data. Engineers are also expected to handle data quality issues like duplicates, missing values, and nulls, along with converting data types and filtering. Furthermore, querying and analyzing data using tools like SQL, KQL, and the Visual Query Editor is tested in this domain.
Topic 3	<ul style="list-style-type: none">Implement and manage semantic models: This section of the exam measures the skills of architects and focuses on designing and optimizing semantic models to support enterprise-scale analytics. It evaluates understanding of storage modes and implementing star schemas and complex relationships, such as bridge tables and many-to-many joins. Architects must write DAX-based calculations using variables, iterators, and filtering techniques. The use of calculation groups, dynamic format strings, and field parameters is included. The section also includes configuring large semantic models and designing composite models. For optimization, candidates are expected to improve report visual and DAX performance, configure Direct Lake behaviors, and implement incremental refresh strategies effectively.

DP-600 Test Questions, DP-600 Valid Dumps Demo

The Implementing Analytics Solutions Using Microsoft Fabric (DP-600) certification test is an important part of career growth, and passing it may lead to more employment opportunities. However, preparing for the Implementing Analytics Solutions Using Microsoft Fabric (DP-600) test may be tough, and many busy applicants have difficulty cracking it. This is where Exam4Labs Implementing Analytics Solutions Using Microsoft Fabric real exam questions come to help you clear the test in a short time.

Microsoft Implementing Analytics Solutions Using Microsoft Fabric Sample Questions (Q19-Q24):

NEW QUESTION # 19

You have a Fabric tenant that contains two workspaces named Woritspace1 and Workspace2. Workspace1 contains a lakehouse named Lakehouse1. Workspace2 contains a lakehouse named Lakehouse2. Lakehouse1 contains a table named dbo.Sales. Lakehouse2 contains a table named dbo.Customers.

You need to ensure that you can write queries that reference both dbo.Sales and dbo.Customers in the same SQL query without making additional copies of the tables.

What should you use?

- A. a dataflow
- B. a managed table
- **C. a view**
- D. a shortcut

Answer: C

NEW QUESTION # 20

You have a Fabric tenant that contains a warehouse named DW1 and a lakehouse named LH1. DW1 contains a table named Sales.Product. LH1 contains a table named Sales.Orders.

You plan to schedule an automated process that will create a new point-in-time (PIT) table named Sales.ProductOrder in DW1. Sales.ProductOrder will be built by using the results of a query that will join Sales.Product and Sales.Orders.

You need to ensure that the types of columns in Sales. ProductOrder match the column types in the source tables. The solution must minimize the number of operations required to create the new table.

Which operation should you use?

- **A. CREATE TABLE AS SELECT (CTAS)**
- B. INSERT INTO
- C. CREATE MATERIALIZED VIEW AS SELECT
- D. CREATE TABLE AS CLONE OF

Answer: A

NEW QUESTION # 21

Case Study 1 - Contoso

Overview

Contoso, Ltd. is a US-based health supplements company. Contoso has two divisions named Sales and Research. The Sales division contains two departments named Online Sales and Retail Sales. The Research division assigns internally developed product lines to individual teams of researchers and analysts.

Existing Environment

Identity Environment

Contoso has a Microsoft Entra tenant named contoso.com. The tenant contains two groups named ResearchReviewersGroup1 and ResearchReviewersGroup2.

Data Environment

Contoso has the following data environment:

- The Sales division uses a Microsoft Power BI Premium capacity.
- The semantic model of the Online Sales department includes a fact table named Orders that uses Import mode. In the system of origin, the OrderID value represents the sequence in which orders are created.
- The Research department uses an on-premises, third-party data warehousing product.
- Fabric is enabled for contoso.com
- An Azure Data Lake Storage Gen2 storage account named storage1 contains Research division data for a product line named Productline1. - The data is in the delta format.
- A Data Lake Storage Gen2 storage account named storage2 contains Research division data for a product line named Productline2. The data is in the CSV format.

Requirements

Planned Changes

Contoso plans to make the following changes:

- Enable support for Fabric in the Power BI Premium capacity used by the Sales division.
- Make all the data for the Sales division and the Research division available in Fabric.
- For the Research division, create two Fabric workspaces named Productline1ws and Productline2ws.
- In Productline1ws, create a lakehouse named Lakehouse1.
- In Lakehouse1, create a shortcut to storage1 named ResearchProduct.

Data Analytics Requirements

Contoso identifies the following data analytics requirements:

- All the workspaces for the Sales division and the Research division must support all Fabric experiences.
- The Research division workspaces must use a dedicated, on-demand capacity that has per- minute billing.
- The Research division workspaces must be grouped together logically to support OneLake data hub filtering based on the department name.
- For the Research division workspaces, the members of ResearchReviewersGroup1 must be able to read lakehouse and warehouse data and shortcuts by using SQL endpoints.
- For the Research division workspaces, the members of ResearchReviewersGroup2 must be able to read lakehouse data by using Lakehouse explorer.
- All the semantic models and reports for the Research division must use version control that supports branching.

Data Preparation Requirements

Contoso identifies the following data preparation requirements:

- The Research division data for Productline1 must be retrieved from Lakehouse1 by using Fabric notebooks.
- All the Research division data in the lakehouses must be presented as managed tables in Lakehouse explorer.

Semantic Model Requirements

Contoso identifies the following requirements for implementing and managing semantic models:

- The number of rows added to the Orders table during refreshes must be minimized.
- The semantic models in the Research division workspaces must use Direct Lake mode.

General Requirements

Contoso identifies the following high-level requirements that must be considered for all solutions:

- Follow the principle of least privilege when applicable.
- Minimize implementation and maintenance effort when possible.

You need to recommend which type of Fabric capacity SKU meets the data analytics requirements for the Research division.

What should you recommend?

- A. EM
- B. F
- C. P
- D. A

Answer: B

Explanation:

The Research division workspaces must use a dedicated, on-demand capacity that has per- minute billing.

NEW QUESTION # 22

What should you use to implement calculation groups for the Research division semantic models?

- A. DAX Studio
- B. Tabular Editor
- C. Microsoft Power BI Desktop

- D. the Power BI service

Answer: D

Explanation:

Topic 1, Contoso, ltd.

Overview

Contoso, ltd. is a US-based health supplements company. Contoso has two divisions named Sales and Research. The Sales division contains two departments named Online Sales and Retail Sales. The Research division assigns internally developed product lines to individual teams of researchers and analysts.

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Planned Changes

Contoso plans to make the following changes:

- * Enable support for Fabric in the Power BI Premium capacity used by the Sales division.
- * Make all the data for the Sales division and the Research division available in Fabric.
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Data Analytics Requirements

Contoso identifies the following data analytics requirements:

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- * For the Research division workspaces, the members of ResearchReviewersGroup2 must be able to read lakehouse data by using Lakehouse explorer.
- * All the semantic models and reports for the Research division must use version control that supports branching Data Preparation Requirements.

Contoso identifies the following data preparation requirements:

- * The Research division data for Productline2 must be retrieved from Lakehouse by using Fabric notebooks.
- * All the Research division data in the lakehouses must be presented as managed tables in Lakehouse explorer.

Semantic Model Requirements

Contoso identifies the following requirements for implementing and managing semantic models:

- * The number of rows added to the Orders table during refreshes must be minimized.
- * The semantic models in the Research division workspaces must use Direct Lake mode.

General Requirements

Contoso identifies the following high-level requirements that must be considered for all solutions:

- * Follow the principle of least privilege when applicable
- * Minimize implementation and maintenance effort when possible.

NEW QUESTION # 23

You have a Fabric tenant that contains a workspace named Workspace1 and a user named User1. User1 is assigned the Contributor role for Workspace1.

You plan to configure Workspace1 to use an Azure DevOps repository for version control.

You need to ensure that User1 can commit items to the repository.

Which two settings should you enable for User1? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Users can synchronize workspace items with their Git repositories
- B. Users can create and use Data workflows
- C. Users can create Fabric items
- D. Users can sync workspace items with GitHub repositories

Answer: A,C

NEW QUESTION # 24

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