Exam Microsoft DP-600 Introduction, DP-600 Test Cram Review
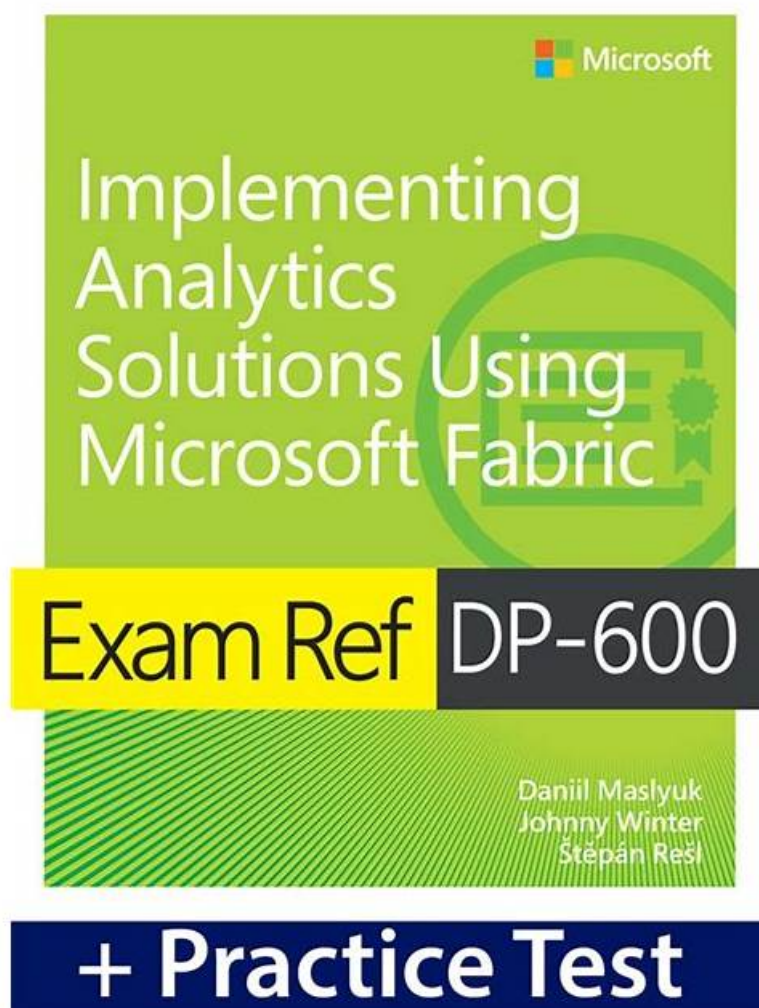
You will identify both your strengths and shortcomings when you utilize PassTorrent Microsoft DP-600 practice exam software. You will also face your doubts and apprehensions related to the Microsoft DP-600 exam. Our Implementing Analytics Solutions Using Microsoft Fabric (DP-600) practice test software is the most distinguished source for the Microsoft DP-600 exam all over the world because it facilitates your practice in the practical form of the Microsoft DP-600 certification exam.

Microsoft DP-600 Exam Syllabus Topics:

Topic	Details
Topic 1	• 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.

Topic 2	• 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	• 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.

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Microsoft Implementing Analytics Solutions Using Microsoft Fabric Sample Questions (Q154-Q159):

NEW QUESTION # 154
You have a Fabric tenant that contains a data warehouse.
You need to load rows into a large Type 2 slowly changing dimension (SCD). The solution must minimize resource usage. Which T-SQL statement should you use?

- A. MERGE
- B. update and insert
- C. CREATE TABLE AS SELECT
- D. TRUNCATE TABLE and INSERT

Answer: A

Explanation:
For Type 2 Slowly Changing Dimensions (SCD):
MERGE is the standard T-SQL approach, allowing conditional UPDATE for existing rows and INSERT for new history records, in a single statement.
UPDATE + INSERT would require multiple steps and higher resource usage.
TRUNCATE + INSERT would destroy historical data, violating SCD rules.
CREATE TABLE AS SELECT is not suitable for incremental Type 2 handling.
Correct answer: B.
Reference: Implement SCD Type 2 with MERGE

NEW QUESTION # 155
You have a Fabric tenant that contains a semantic model.

You need to prevent report creators from populating visuals by using implicit measures.
What are two tools that you can use to achieve the goal? Each correct answer presents a complete solution.
NOTE: Each correct answer is worth one point.

- A. DAX Studio
- B. Microsoft Power BI Desktop
- C. Microsoft SQL Server Management Studio (SSMS)
- D. Tabular Editor

Answer: B,D

Explanation:
Microsoft Power BI Desktop (A) and Tabular Editor (B) are the tools you can use to prevent report creators from using implicit measures. In Power BI Desktop, you can define explicit measures which can be used in visuals. Tabular Editor allows for advanced model editing, where you can enforce the use of explicit measures.
References = Guidance on using explicit measures and preventing implicit measures in reports can be found in the Power BI and Tabular Editor official documentation.

NEW QUESTION # 156
You have a custom Direct Lake semantic model named Model1 that has one billion rows of data.
You use Tabular Editor to connect to Model1 by using the XMLA endpoint.
You need to ensure that when users interact with reports based on Model1, their queries always use Direct Lake mode.
What should you do?

- A. From Model, configure the Default Mode option.
- B. From Partitions, configure the Mode option.
- C. From Model, configure the Storage Location option.
- D. From Model, configure the Direct Lake Behavior option.

Answer: D

Explanation:
Click on Semantic model.
In the Properties pane, choose the Direct Lake behavior for your custom Direct Lake semantic model:
Automatic: This is the default behavior. It allows Direct Lake with fallback to DirectQuery mode if data can't be efficiently loaded into memory.
Direct Lake only: This option ensures no fallback to DirectQuery mode
https://powerbi.microsoft.com/en-au/blog/leveraging-pure-direct-lake-mode-for-maximum-query- performance/

NEW QUESTION # 157
You have a Fabric tenant that contains a workspace named Workspace