

Snowflake SOL-C01 Exam Dumps Provider, Latest SOL-C01 Exam Cram



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Snowflake SOL-C01 Exam Syllabus Topics:

Topic	Details
Topic 1	• Data Loading and Virtual Warehouses: This domain covers loading structured, semi-structured, and unstructured data using stages and various methods, virtual warehouse configurations and scaling strategies, and Snowflake Cortex LLM functions for AI-powered operations.
Topic 2	• Identity and Data Access Management: This domain focuses on Role-Based Access Control (RBAC) including role hierarchies and privileges, along with basic database administration tasks like creating objects, transferring ownership, and executing fundamental SQL commands.
Topic 3	• Interacting with Snowflake and the Architecture: This domain covers Snowflake's elastic architecture, key user interfaces like Snowsight and Notebooks, and the object hierarchy including databases, schemas, tables, and views with practical navigation and code execution skills.
Topic 4	• Data Protection and Data Sharing: This domain addresses continuous data protection through Time Travel and cloning, plus data collaboration capabilities via Snowflake Marketplace and private Data Exchange sharing.

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Snowflake Certified SnowPro Associate - Platform Certification Sample Questions (Q209-Q214):

NEW QUESTION # 209

You are loading JSON data into Snowflake. The JSON data contains nested arrays and objects.

You need to flatten specific arrays while retaining other nested structures for analysis. Which combination of Snowflake functions and clauses would best achieve this?

- A. Utilize 'LATERAL FLATTEN' function with the 'PATH' parameter to target specific arrays for flattening, while allowing other nested structures to be retained as VARIANT columns. After flattening, use standard SQL queries to filter and transform the flattened data. You can also utilize 'OBJECT_CONSTRUCT' in views if specific nested object structures need to be recreated for reporting.
- B. Use only 'FLATTEN' function without specifying 'PATH' and then use 'RECURSIVE = FALSE'
- C. Use 'LATERAL FLATTEN' function with 'PATH' parameter to specify the array to be flattened, and use 'OBJECT_CONSTRUCT' to reconstruct desired nested objects after flattening.
- D. Use 'FLATTEN' function with 'RECURSIVE = TRUE' to flatten all nested structures indiscriminately.
- E. Use 'GET PATH' to extract specific elements from the JSON and load them directly into separate columns, avoiding flattening altogether.

Answer: A

Explanation:

Using 'LATERAL FLATTEN' with the 'PATH' parameter allows you to selectively flatten specific arrays within the JSON data while retaining other nested structures. After flattening, standard SQL queries are used to process the flattened data. 'OBJECT_CONSTRUCT' can be used later to reconstruct nested object in views if necessary.

NEW QUESTION # 210

How are privileges inherited in the Snowflake role hierarchy?

- A. Privileges are inherited by any roles above a given role in the hierarchy.
- B. Privileges are only inherited by direct child roles in the hierarchy.
- C. Privileges are only inherited by the direct parent role in the hierarchy.
- D. Privileges are inherited by any roles at the same level in the hierarchy.

Answer: A

Explanation:

Snowflake uses a hierarchical Role-Based Access Control (RBAC) model. When Role A is granted to Role B, the higher-level role (Role B) inherits all privileges of the lower-level role (Role A). This upward inheritance allows broad administrative roles (such as SYSADMIN) to automatically inherit permissions granted to subordinate roles.

Key principle: privilege inheritance flows upward, not downward.

* Parent roles inherit from child roles.

* Child roles do not inherit from parent roles.

Sibling roles do not share privileges unless explicitly granted.

Thus, roles above a given role in the hierarchy inherit privileges, making option C correct.

Options A and D incorrectly describe downward inheritance, which Snowflake does not perform.

Option B (same-level inheritance) also does not occur unless privileges are explicitly granted.

This hierarchical model simplifies governance by allowing higher-level administrative roles to centrally manage access across multiple subordinate roles.

NEW QUESTION # 211

A Snowflake account has multiple custom roles, including 'DATA ADMIN', 'ANALYST', and 'REPORTING'. The 'DATA ADMIN' role should be able to grant all privileges on any object in the 'SALES' database to other roles. Which of the following approaches is the MOST secure and efficient way to achieve this?

- A. Grant USAGE on the 'SALES' database to the 'DATA ADMIN' role and manually grant all other individual privileges as needed to the 'DATA ADMIN' role.
- B. Grant the 'ALL PRIVILEGES' on the 'SALES' database and all its objects to the 'DATA_ADMIN' role.
- C. Grant the OWNERSHIP privilege on the SALES database to the DATA ADMIN role. When an object is created the DATA ADMIN must take ownership of the newly created object.
- **D. Grant the 'OWNERSHIP' privilege on the 'SALES' database to the 'DATA_ADMIN' role. Then, set as the owner of all objects within the database.**
- E. Create a custom role hierarchy where 'DATA_ADMIN' inherits all privileges from the 'ACCOUNTADMIN' role.

Answer: D

Explanation:

Granting the 'OWNERSHIP' privilege on the database allows the 'DATA_ADMIN' role to grant all privileges on the database and all its objects to other roles. Option B, granting 'ALL PRIVILEGES', does not automatically propagate the ability to grant those privileges to other roles. Option C is inefficient. Option D is incorrect; custom roles cannot inherit directly from 'ACCOUNTADMIN'. Option E is partially correct, but missing the critical step of initially granting OWNERSHIP on the database itself.

NEW QUESTION # 212

What does a "green" cell execution status indicate in Snowflake Notebooks?

- A. Execution is pending
- B. Execution was canceled
- C. Execution failed
- **D. Execution succeeded**

Answer: D

NEW QUESTION # 213

A user executes the following SQL command in Snowflake: 'SELECT CURRENT DATABASE(), CURRENT SCHEMA(), CURRENT ROLE(), CURRENT The user's current role is , and they are connected to the 'REPORTING WH' warehouse. Before executing this command, the default schema for the user was set to 'PUBLIC' within the 'DATA MART' database. What will be the result of this query?

- A. Current database, Current schema, ANALYST, REPORTING WH
- B. NULL, NULL, ANALYST, REPORTING WH
- C. An error will occur because no database or schema context is explicitly set in the session.
- **D. DATA MART, PUBLIC, ANALYST, REPORTING WH**
- E. Empty string, Empty string, ANALYST, REPORTING_WH

Answer: D

Explanation:

'CURRENT DATABASE()' and 'CURRENT SCHEMA()' will return the default database and schema for the user's session, which are 'DATA_MART' and 'PUBLIC' respectively. 'CURRENT ROLE()' returns the currently active role, 'ANALYST', and 'CURRENT WAREHOUSE()' returns the currently used warehouse, 'REPORTING WH'.

NEW QUESTION # 214

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