

Databricks-Certified-Data-Analyst-Associate PDF Demo - Databricks-Certified-Data-Analyst-Associate Simulationsfragen



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Purpose of this Exam Guide

The purpose of this exam guide is to give you an overview of the exam and what is covered on the exam to help you determine your exam readiness. This document will get updated anytime there are any changes to an exam (and when those changes will take effect on an exam) so that you can be prepared. **This version covers the currently live version as of January 1, 2024. Please check back two weeks before you take your exam to make sure you have the most current version.**

Audience Description

The Databricks Certified Data Analyst Associate certification exam assesses an individual's ability to use the Databricks SQL service to complete introductory data analysis tasks. This includes an understanding of the Databricks SQL service and its capabilities, an ability to manage data with Databricks tools following best practices, using SQL to complete data tasks in the Lakehouse, creating production-grade data visualizations and dashboards, and developing analytics applications to solve common data analytics problems. Individuals who pass this certification exam can be expected to complete basic data analysis tasks using Databricks SQL and its associated capabilities.

About the Exam

- Number of items: 45 multiple-choice questions
- Time Limit: 90 minutes
- Registration fee: USD 200, plus applicable taxes as required per local law
- Delivery method: Online Proctored
- Test aides: none allowed.
- Prerequisite: None required; course attendance and six months of hands-on experience in Databricks is highly recommended
- Validity: 2 years
- Recertification: Recertification is required to maintain your certification status. To recertify, you must take the full exam.
- Unsourced Content: Exams may include unsourced items to gather statistical information for future use. These items are not identified on the form and do not impact your score, and additional time is factored into account for this content.

Übrigens, Sie können die vollständige Version der ITZert Databricks-Certified-Data-Analyst-Associate Prüfungsfragen aus dem Cloud-Speicher herunterladen: https://drive.google.com/open?id=1W3ZGAvO8H5bMHx0xcH6f0NSleW8uNs_w

Die Konkurrenz in unserer Gesellschaft wird immer heftiger. Unsere ITZert ist noch bei vielen Prüfungskandidaten sehr beliebt, weil wir immer vom Standpunkt der Teilnehmer die Softwares entwickeln. Z.B. die gut gekaufte Databricks Databricks-Certified-Data-Analyst-Associate Prüfungssoftware wird von unserem professionellem Team entwickelt mit großer Menge Forschung der Databricks Databricks-Certified-Data-Analyst-Associate Prüfung. Obwohl wir eine volle Rückerstattung für die Verlust des Tests versprechen, bestehen fast alle Kunde Databricks Databricks-Certified-Data-Analyst-Associate, die unsere Produkte benutzen. Was beweist die Vertrauenswürdigkeit und die Effizienz unserer Databricks Databricks-Certified-Data-Analyst-Associate Prüfungsunterlagen.

Databricks Databricks-Certified-Data-Analyst-Associate Prüfungsplan:

Thema	Einzelheiten
Thema 1	<ul style="list-style-type: none"> • SQL in the Lakehouse: It identifies a query that retrieves data from the database, the output of a SELECT query, a benefit of having ANSI SQL, access, and clean silver-level data. It also compares and contrasts MERGE INTO, INSERT TABLE, and COPY INTO. Lastly, this topic focuses on creating and applying UDFs in common scaling scenarios.

Thema 2	<ul style="list-style-type: none"> Analytics applications: It describes key moments of statistical distributions, data enhancement, and the blending of data between two source applications. Moreover, the topic also explains last-mile ETL, a scenario in which data blending would be beneficial, key statistical measures, descriptive statistics, and discrete and continuous statistics.
Thema 3	<ul style="list-style-type: none"> Data Management: The topic describes Delta Lake as a tool for managing data files, Delta Lake manages table metadata, benefits of Delta Lake within the Lakehouse, tables on Databricks, a table owner's responsibilities, and the persistence of data. It also identifies management of a table, usage of Data Explorer by a table owner, and organization-specific considerations of PII data. Lastly, the topic it explains how the LOCATION keyword changes, usage of Data Explorer to secure data.
Thema 4	<ul style="list-style-type: none"> Databricks SQL: This topic discusses key and side audiences, users, Databricks SQL benefits, complementing a basic Databricks SQL query, schema browser, Databricks SQL dashboards, and the purpose of Databricks SQL endpoints warehouses. Furthermore, the delves into Serverless Databricks SQL endpoint warehouses, trade-off between cluster size and cost for Databricks SQL endpoints warehouses, and Partner Connect. Lastly it discusses small-file upload, connecting Databricks SQL to visualization tools, the medallion architecture, the gold layer, and the benefits of working with streaming data.
Thema 5	<ul style="list-style-type: none"> Data Visualization and Dashboarding: Sub-topics of this topic are about of describing how notifications are sent, how to configure and troubleshoot a basic alert, how to configure a refresh schedule, the pros and cons of sharing dashboards, how query parameters change the output, and how to change the colors of all of the visualizations. It also discusses customized data visualizations, visualization formatting, Query Based Dropdown List, and the method for sharing a dashboard.

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Databricks Databricks-Certified-Data-Analyst-Associate Simulationsfragen - Databricks-Certified-Data-Analyst-Associate Buch

Die Ausbildungsmaterialien zur Databricks Databricks-Certified-Data-Analyst-Associate Zertifizierungsprüfung aus ITZert enthalten Testfragen und Antworten. Diese Materialien sind von unserer Berufsgruppe aus erfahrenen IT-Experten untersucht und erforscht, deren Autorität zweifellos ist. Sie können auf unserer Webseite einige kostenlosen Testaufgaben und Antworten als Probe herunterladen. Nachdem Sie unsere Ausbildungsmaterialien zur Databricks Databricks-Certified-Data-Analyst-Associate Zertifizierungsprüfung gekauft haben, werden wir Ihnen einjähriger Aktualisierung kostenlos anbieten.

Databricks Certified Data Analyst Associate Exam Databricks-Certified-Data-Analyst-Associate Prüfungsfragen mit Lösungen (Q56-Q61):

56. Frage

A data analyst is processing a complex aggregation on a table with zero null values and the query returns the following result:

group_1	group_2	sum
null	null	100
A	null	50
A	Y	30
A	Z	20
B	null	50
B	Y	40
B	Z	1

Which query did the analyst execute in order to get this result?

- ```

SELECT
 group_1,
 group_2,
 sum(values) AS sum
FROM my_table
GROUP BY group_1, group_2 WITH ROLLUP;

```
- A. 

```

SELECT
 group_1,
 group_2,
 sum(values) AS sum
FROM my_table
GROUP BY group_1, group_2 WITH CUBE;

```
  - B. 

```

SELECT
 group_1,
 group_2,
 sum(values) AS sum
FROM my_table
GROUP BY group_1, group_2 INCLUDING NULL;

```
  - C. 

```

SELECT
 group_1,
 group_2,
 sum(values) AS sum
FROM my_table
GROUP BY group_1, group_2;

```
  - D. 

```

SELECT
 group_1,
 group_2,
 sum(values) AS sum
FROM my_table
GROUP BY group_1, group_2;

```

**Antwort: C**

### 57. Frage

What does Partner Connect do when connecting Power BI and Tableau?

- A. Downloads a configuration file for connection by Power BI or Tableau to a SQL Warehouse (formerly known as a SQL Endpoint).
- B. Downloads and installs an ODBC driver.
- C. Creates a Personal Access Token for authentication into Databricks SQL and emails it to you.
- **D. Creates a Personal Access Token, downloads and installs an ODBC driver, and downloads a configuration file for connection by Power BI or Tableau to a SQL Warehouse (formerly known as a SQL Endpoint).**

**Antwort: D**

Begründung:

When connecting Power BI and Tableau through Databricks Partner Connect, the system automates several steps to streamline the integration process:

**Personal Access Token Creation:** Partner Connect generates a Databricks personal access token, which is essential for authenticating and establishing a secure connection between Databricks and the BI tools.

**ODBC Driver Installation:** The appropriate ODBC driver is downloaded and installed. This driver facilitates communication between the BI tools and Databricks, ensuring compatibility and optimal performance.

**Configuration File Download:** A configuration file tailored for the selected BI tool (Power BI or Tableau) is provided. This file contains the necessary connection details, simplifying the setup process within the BI tool.

By automating these steps, Partner Connect ensures a seamless and efficient integration, reducing manual configuration efforts and potential errors.

### 58. Frage

A data analyst wants the following output:

customer\_name number\_of\_orders

John Doe 388

Zhang San 234

Which statement will produce this output?

- A. `SELECT customer_name, count(order_id)`  
`FROM customers`  
`JOIN orders`  
`ON customers.customer_id = orders.customer_id GROUP BY customer_name;`
- B. `SELECT customer_name, count(order_id) number_of_orders`  
`FROM customers`  
`JOIN orders`  
`ON customers.customer_id = orders.customer_id USE customer_name;`
- C. `SELECT customer_name, (order_id) number_of_orders`  
`FROM customers`  
`JOIN orders`  
`ON customers.customer_id = orders.customer_id;`
- **D. `SELECT customer_name, count(order_id) AS number_of_orders`**  
**`FROM customers`**  
**`JOIN orders`**  
**`ON customers.customer_id = orders.customer_id`**  
**`GROUP BY customer_name;`**

**Antwort: D**

### 59. Frage

Delta Lake stores table data as a series of data files, but it also stores a lot of other information.

Which of the following is stored alongside data files when using Delta Lake?

- A. Data summary visualizations
- B. Owner account information
- C. Table metadata, data summary visualizations, and owner account information
- D. None of these
- **E. Table metadata**

**Antwort: E**

Begründung:

Delta Lake stores table data as a series of data files in a specified location, but it also stores table metadata in a transaction log. The table metadata includes the schema, partitioning information, table properties, and other configuration details. The table metadata is stored alongside the data files and is updated atomically with every write operation. The table metadata can be accessed using the DESCRIBE DETAIL command or the DeltaTable class in Scala, Python, or Java. The table metadata can also be enriched with custom tags or user-defined commit messages using the TBLPROPERTIES or userMetadata options. Reference:

[Enrich Delta Lake tables with custom metadata](#)

[Delta Lake Table metadata - Stack Overflow](#)

[Metadata - The Internals of Delta Lake](#)

### 60. Frage

Which location can be used to determine the owner of a managed table?

- **A. Review the Owner field in the table page using Catalog Explorer**
- B. Review the Owner field in the table page using the SQL Editor
- C. Review the Owner field in the schema page using Data Explorer
- D. Review the Owner field in the database page using Data Explorer

**Antwort: A**

## Begründung:

In Databricks, to determine the owner of a managed table, you can utilize the Catalog Explorer feature. The steps are as follows:

Access Catalog Explorer:

In your Databricks workspace, click on the Catalog icon in the sidebar to open Catalog Explorer.

Navigate to the Table:

Within Catalog Explorer, browse through the catalog and schema to locate the specific managed table whose ownership you wish to verify.

View Table Details:

Click on the table name to open its details page.

Identify the Owner:

On the table's details page, review the Owner field, which displays the principal (user, service principal, or group) that owns the table.

This method provides a straightforward way to ascertain the ownership of managed tables within the Databricks environment.

Understanding table ownership is essential for managing permissions and ensuring proper access control.

## 61. Frage

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Viele IT-Fachleute wollen Databricks Databricks-Certified-Data-Analyst-Associate Zertifikate erhalten. Die IT-Zertifikate werden Ihnen helfen, in der IT-Branche befördert zu werden. Das Databricks Databricks-Certified-Data-Analyst-Associate Zertifikat ist ein beliebtes unter den vielen Zertifikaten. Obwohl es nicht so leicht ist, die Databricks Databricks-Certified-Data-Analyst-Associate Zertifizierungsprüfung zu bestehen, gibt es doch Methoden. Sie können viel Zeit und Energie für die Prüfung benutzen, um Ihr Know-How zu konsolidieren, oder an den effizienten Kursen teilnehmen. Die speziellen Simulationsprüfungen von ITZert, die Ihnen viel Zeit und Energie ersparen und Ihr Ziel erreichen können, ist sehr effizient. ITZert ist eine gute Wahl für Sie.

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