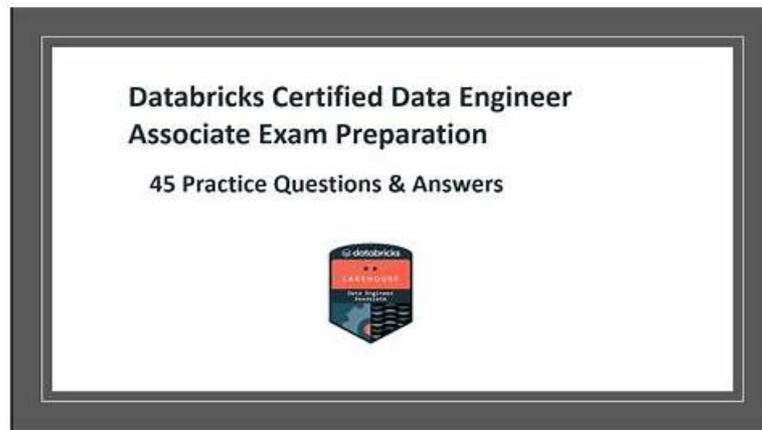


# High-efficient Databricks-Certified-Data-Engineer-Associate Training materials are helpful Exam Questions - BraindumpStudy



BraindumpStudy wants to win the trust of Databricks Databricks-Certified-Data-Engineer-Associate exam candidates at any cost. To achieve this objective BraindumpStudy is offering some top features with Databricks-Certified-Data-Engineer-Associate exam practice questions. These prominent features hold high demand and are specifically designed for quick and complete Databricks Certified Data Engineer Associate Exam (Databricks-Certified-Data-Engineer-Associate) exam questions preparation.

Databricks Certified Data Engineer Associate Exam is designed for data engineers, software developers, and IT professionals who work with data on a regular basis. Databricks Certified Data Engineer Associate Exam certification program is ideal for individuals who want to demonstrate their expertise in designing and building data pipelines, working with big data, and developing data-driven applications using Databricks.

The Databricks Certified Data Engineer Associate Exam certification exam consists of 60 multiple-choice questions that must be answered within 90 minutes. Databricks-Certified-Data-Engineer-Associate Exam is available in English and can be taken online, making it accessible to candidates worldwide. The passing score for the exam is 70%, and candidates who pass the exam receive a certificate that demonstrates their proficiency in data engineering using Databricks.

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## Pass Guaranteed Quiz Pass-Sure Databricks - Databricks-Certified-Data-Engineer-Associate Exam Pass4sure

As the old saying goes, practice is the only standard to testify truth. In other word, it has been a matter of common sense that pass rate of the Databricks-Certified-Data-Engineer-Associate test guide is the most important standard to testify whether it is useful and effective for people to achieve their goal. We believe that you must have paid more attention to the pass rate of the Databricks Certified Data Engineer Associate Exam exam questions. If you focus on the study materials from our company, you will find that the pass rate of our products is higher than other study materials in the market, yes, we have a 99% pass rate, which means if you take our the Databricks-Certified-Data-Engineer-Associate study dump into consideration, it is very possible for you to pass your exam and get the related certification.

Databricks-Certified-Data-Engineer-Associate certification is a valuable credential for data engineers. It demonstrates to potential employers that the individual has the skills and knowledge necessary to design and implement data-driven solutions using Databricks. Databricks Certified Data Engineer Associate Exam certification can also help individuals advance their careers by opening up new opportunities and increasing their earning potential.

## Databricks Certified Data Engineer Associate Exam Sample Questions (Q11-Q16):

### NEW QUESTION # 11

A data engineer needs to conduct Exploratory Data Analysis (EDA) on data residing in a database within the company's custom-

defined cloud network. The data engineer is using SQL for this task.

Which type of SQL Warehouse will enable the data engineer to process large numbers of queries quickly and cost-effectively?

- A. All-purpose compute cluster
- **B. SQL Serverless Warehouse**
- C. Classic SQL Warehouse
- D. Pro SQL Warehouse

**Answer: B**

Explanation:

A SQL Serverless Warehouse is the most suitable option for running SQL-based exploratory data analysis at scale while minimizing operational and cost overhead. Serverless SQL warehouses are fully managed by Databricks, meaning Databricks automatically provisions and scales compute resources, applies Photon acceleration, and optimizes query execution without requiring the user to manage infrastructure. This makes them ideal for workloads involving large numbers of ad hoc or interactive SQL queries, which is common during EDA. Because the data resides in a custom-defined cloud network, serverless SQL warehouses can still securely access governed data when Unity Catalog and networking requirements are satisfied. All-purpose clusters (option A) are designed for collaborative development and mixed workloads, not cost-efficient high-concurrency SQL querying. Classic SQL warehouses (option D) are legacy and lack the performance and cost optimizations of newer serverless offerings. Pro SQL warehouses (option B) require user-managed sizing decisions, whereas serverless warehouses optimize both performance and cost automatically. Databricks documentation recommends SQL Serverless Warehouses for fast, scalable, and cost-effective SQL analytics.

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#### NEW QUESTION # 12

A data engineer needs to determine whether to use the built-in Databricks Notebooks versioning or version their project using Databricks Repos.

Which of the following is an advantage of using Databricks Repos over the Databricks Notebooks versioning?

- **A. Databricks Repos supports the use of multiple branches**
- B. Databricks Repos provides the ability to comment on specific changes
- C. Databricks Repos automatically saves development progress
- D. Databricks Repos allows users to revert to previous versions of a notebook
- E. Databricks Repos is wholly housed within the Databricks Lakehouse Platform

**Answer: A**

Explanation:

Explanation

An advantage of using Databricks Repos over the built-in Databricks Notebooks versioning is the ability to work with multiple branches. Branching is a fundamental feature of version control systems like Git, which Databricks Repos is built upon. It allows you to create separate branches for different tasks, features, or experiments within your project. This separation helps in parallel development and experimentation without affecting the main branch or the work of other team members. Branching provides a more organized and collaborative development environment, making it easier to merge changes and manage different development efforts. While Databricks Notebooks versioning also allows you to track versions of notebooks, it may not provide the same level of flexibility and collaboration as branching in Databricks Repos.

#### NEW QUESTION # 13

Which of the following is hosted completely in the control plane of the classic Databricks architecture?

- A. Worker node
- B. Databricks Filesystem
- C. Driver node
- D. JDBC data source
- **E. Databricks web application**

**Answer: E**

Explanation:

1: The Databricks web application is the user interface that allows you to create and manage workspaces, clusters, notebooks, jobs,

and other resources. It is hosted completely in the control plane of the classic Databricks architecture, which includes the backend services that Databricks manages in your Databricks account. The other options are part of the compute plane, which is where your data is processed by compute resources such as clusters. The compute plane is in your own cloud account and network. Reference: Databricks architecture overview, Security and Trust Center

#### NEW QUESTION # 14

Which of the following benefits is provided by the array functions from Spark SQL?

- A. An ability to work with data within certain partitions and windows
- **B. An ability to work with complex, nested data ingested from JSON files**
- C. An ability to work with time-related data in specified intervals
- D. An ability to work with an array of tables for procedural automation
- E. An ability to work with data in a variety of types at once

**Answer: B**

Explanation:

The array functions from Spark SQL are a subset of the collection functions that operate on array columns<sup>1</sup>. They provide an ability to work with complex, nested data ingested from JSON files or other sources<sup>2</sup>. For example, the `explode` function can be used to transform an array column into multiple rows, one for each element in the array<sup>3</sup>. The `array_contains` function can be used to check if a value is present in an array column<sup>4</sup>. The `array_join` function can be used to concatenate all elements of an array column with a delimiter. These functions can be useful for processing JSON data that may have nested arrays or objects. References: 1: Spark SQL, Built-in Functions - Apache Spark 2: Spark SQL Array Functions Complete List - Spark By Examples 3: Spark SQL Array Functions - Syntax and Examples - DWgeek.com 4: Spark SQL, Built-in Functions - Apache Spark : Spark SQL, Built-in Functions - Apache Spark : [Working with Nested Data Using Higher Order Functions in SQL on Databricks - The Databricks Blog]

#### NEW QUESTION # 15

Which of the following describes a benefit of creating an external table from Parquet rather than CSV when using a CREATE TABLE AS SELECT statement?

- A. Parquet files can be partitioned
- B. Parquet files will become Delta tables
- C. CREATE TABLE AS SELECT statements cannot be used on files
- D. Parquet files have the ability to be optimized
- **E. Parquet files have a well-defined schema**

**Answer: E**

Explanation:

Option C is the correct answer because Parquet files have a well-defined schema that is embedded within the data itself. This means that the data types and column names of the Parquet files are automatically detected and preserved when creating an external table from them. This also enables the use of SQL and other structured query languages to access and analyze the data. CSV files, on the other hand, do not have a schema embedded in them, and require specifying the schema explicitly or inferring it from the data when creating an external table from them. This can lead to errors or inconsistencies in the data types and column names, and also increase the processing time and complexity.

References: CREATE TABLE AS SELECT, Parquet Files, CSV Files, Parquet vs. CSV

#### NEW QUESTION # 16

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