

Teradata Certification

VantageCloud Lake Associate

Exam Objectives

The VantageCloud Lake Associate Exam covers the features and functionality of the Teradata VantageCloud Lake. The exam objectives describe the content and focus covered on the exam.

General Concept – 16%

- Identify the definition of the terms associated with relational concepts.
- Identify the characteristics of a relational database.
- Identify the characteristics of a dimensional model.
- Identify the use cases for deploying a relational model.
- Identify the use cases for deploying a dimensional model.
- Identify the ClearScape Analytics (TM) capabilities in VantageCloud Lake.

Data Architectures – 10%

- Identify the high-level concepts data architecture patterns.
- Identify the major components of the architecture.
- Identify use cases for data architecture patterns.
- Identify the flow of data in data architecture patterns.
- Identify reasons for deploying a data lake architecture.

VantageCloud Lake Architecture and Components – 36%

- Identify the flow of data from source to consumption.
- Identify the purpose of the components of VantageCloud Lake.
- Identify the features and benefits of VantageCloud Lake.
- Identify the definitions of Vantage objects.
- Identify space and storage options in VantageCloud Lake.
- Identify the components of a table definition.
- Identify the purpose of Workload Management.
- Identify scalability options in VantageCloud Lake.
- Identify cloud native integration options with VantageCloud Lake.

Data Distribution and Access – 12%

- Identify use cases of advanced indexes.
- Identify the impact the Primary Index has on data distribution.
- Identify the differences between Primary Index and Primary Key.

- Identify the types, levels, and functionality of locking.
- Identify the purpose and components of the access layer.
- Identify the use cases of semi-structured data.

Security and Privacy – 12%

- Identify security and privacy mechanisms.
- Identify the features for managing user privileges.
- Identify the functions and types of user authentication.

Teradata Tools and Access – 14%

- Identify common data integration techniques.
- Identify the features and functions to administer and monitor VantageCloud Lake.
- Identify access methods for VantageCloud Lake.
- Identify the features and functions to manage and monitor analytic workflow.