

Teradata Certification

Vantage Certified Associate

Exam Objectives

The Associate Exam covers the features and functionality of the Advanced SQL Engine through release 16.00. The exam objectives and section weightings describe the content and focus covered on the exam.

Vantage Associate

Database Concepts — 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.

Data Warehouse Architectures — 17%

- Identify the high-level concepts of the data warehouse architecture.
- Identify the major components of the architecture.
- Identify deployment options for data warehouses.
- Identify types of implementations of data warehouses.
- Identify the flow of data in a data warehouse.
- Identify reasons for deploying a data warehouse architecture.

Teradata Database Architecture and Components — 21%

- Identify the flow of data from source to consumption in a UDA environment.
- Identify the purpose of the physical components of the Teradata Database.
- Identify the purpose of the logical components of the Teradata Database.
- Identify the features and benefits of the Teradata Database.
- Identify the definitions of Teradata Database objects.
- Identify space classifications and how Teradata uses space.
- Identify the components of a table definition.
- Identify how Teradata uses metadata and where the metadata is held.

Data Distribution and Access — 19%

- Identify use cases of Primary, Secondary and Join 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 provided by the Teradata Database.
- Identify the purpose and components of the access layer.

Security and Privacy — 13%

- Identify user security mechanisms available to the Teradata Database.
- Identify the features for managing user privileges in the Teradata Database.
- Identify the functions and types of authentication in the Teradata Database.
- Identify database privacy mechanisms available within the Teradata Database.

Teradata Tools and Utilities — 14%

- Identify common data integration techniques for Teradata and their uses.
- Identify the features and functions of the administering and monitoring tools available within the Teradata product suite (for example: Viewpoint and Teradata Studio.)
- Identify the common access tools available within the Teradata client tools and their uses (for example: Teradata Studio Express, Teradata App Center and BTEQ.)