

Teradata Certified Professional Program

Teradata Database Certified Associate

Exam Objectives

The exam objectives and section weightings describes the content and focus covered on the exam.

Teradata Database 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.)