

Teradata SQL Intermediate Training

Course Outline

The course covers following topics in detail:

- Write Group Aggregates using PARTITION BY in a Window Function
- Filter the result of a Window Function using QUALIFY
- Adding a frame to a Window Function to calculate ordered aggregates such as a Cumulative Sum or a Moving Average
- Access columns in a different row using Analytic Functions such as LAG and FIRST_VALUE
- Work with Ranking functions such as DENSE_RANK, CUME_DIST and PERCENTILE_CONT
- Dynamically add subpartitions to the window definition using RESET WHEN
- Handle NULLs in Window Functions
- Understand how and when to use scalar subqueries and correlated subqueries
- Write SQL to modify data in a table, using the UPDATE, INSERT, DELETE and MERGE statements
- Create and use views and macros
- Work with Extended Grouping functions such as ROLLUP and GROUPING SETS
- Clone an existing table
- Materialize the result of a Select in a new table
- Use various forms of volatile and global temporary tables
- Convert data types using functions such as TO_CHAR, TO_DATE and TO_BYTES
- Apply advanced string functions such as CSV, STRTOK and NVP
- Apply bit manipulation functions such as BITOR and GETBIT