



Course Content

Course Description:

In this course you will cover advanced techniques for querying a database including how to: code subqueries to generate query output, manipulate table data by inserting, updating and deleting records in a table, create a simple table, create tables with constraints, modify the table structure, and delete tables, create views, manipulate data through views, modify the view structure and drop views & index data.

Prerequisites:

Windows Level I, SQL Level I

Topics:

Advanced Querying Using Subqueries

- Search Based on an Unknown Value
- Search Based on Multiple Unknown Values
- Compare a Value with Unknown Values
- Search Based on the Existence of Reports
- Generate Output Using Correlated Subqueries
- Filter Grouped Data Within Subqueries
- Perform Multiple-level Subqueries

Working with Views

- Create a View
- Manipulate Data in Views
- Modify and Drop Views

Indexing Data

- Create Indexes
- Drop Indexes

Manipulating Table Data

- Insert Data
- Modify Data
- Delete Data

Manipulating the Table Structure

- Create a Simple Table
- Create a Table with Constraints
- Add or Drop Table Columns
- Add or Drop Constraints
- Modify the Column Definition
- Deleting tables