
SQL Querying: Level 2

Advanced Querying

Course Content

You have access to company databases and your job may require you to retrieve data from those databases. Retrieval of information from a database is dependent on precisely ordered logic and specific information. This course will help you to use Structured Query Language (SQL) as a tool

to implement that logic and define instructions.

In this course, students will work with advanced queries to manipulate and index tables. Students will also create transactions so that you can choose to save or cancel data entry process

Lessons include the following:

- Using Subqueries to Perform Advanced Querying
 - Search Based on Unknown Values
 - Compare a Value with Unknown Values
 - Search Based on the Existence of Records
 - Generate Output Using Correlated Subqueries
 - Filter Grouped Data Within Subqueries
 - Perform Multiple-Level Subqueries
- Manipulating Table Data
 - Insert Data
 - Modify and 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
 - Back Up Tables
 - Delete Tables
- Working with Views
 - Create a View
 - Manipulate Data in Views
 - Create Aliases
 - Modify and Drop Views
- Indexing Data
 - Create Indices
 - Drop Indices
- Managing Transactions
 - Create Transactions
 - Commit Transactions