

Oracle11g SQL Fundamentals

Length: 3 Days

Audience: Programmers, Analysts, Database Administrators, and Users who must access data in an Oracle database.

Prerequisite: Oracle11g Concepts and Facilities

Overview: From an examination of single table operations to the complexities of accessing multiple tables using joins or subqueries, this course provides a thorough introduction to interactive SQL. Students will be introduced to the SQL Developer and SQL*Plus tools.

Coding examples and workshops serve to reinforce the material presented in class.

Topics discussed include:

- Data Retrieval Operations
 - SELECT Statement
 - Sorting the Result (ORDER BY)
 - Pattern Matching (LIKE)
 - CASE Expressions
 - Built-In Functions
 - Processing Date/Time Information
- Multi-Table Operations
 - Inner Join
 - Outer Join
 - ANSI Join Syntax
 - Subqueries
 - Correlated Subqueries
 - Recursive Queries
- Data Manipulation Operations
 - UPDATE Statement
 - DELETE Statement
 - INSERT Statement
- Security
 - Views
 - GRANT Statement
 - REVOKE Statement
- Miscellaneous SQL
 - Processing Null Values
 - Sequences
 - UNION, INTERSECT, and MINUS