

Oracle 10g SQL and SQL*Plus

Length: 3 Days

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

Prerequisites: Oracle 10g 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. This course also introduces the student to basic SQL*Plus operations required to enter, edit, and run SQL statements, produce reports, and write interactive SQL scripts through SQL*Plus. 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
- SQL*Plus
 - Enter, Edit, and Run SQL Statements

- o Customize the SQL*Plus Environment with the SET Command
- o Format Query Results