Overview

This Oracle Database: Introduction to SQL training helps you write subqueries, combine multiple queries into a single query using SET operators and report aggregated data using group functions. Learn this and more through hands-on exercises. Ensure fast, reliable, secure and easy to manage performance. Optimize database workloads, lower IT costs and deliver a higher quality of service by enabling consolidation onto database clouds.

Prerequisites

There are no prerequisites for this course.

Who Should Attend

- Data Warehouse Administrator
- PL/SQL Developer
- Application Developers
- System Analysts
- Business Analysts
- Forms Developer
- Developer

What You Will Learn

- Identify the major structural components of the Oracle Database 12c
- Create reports of aggregated data
- Write SELECT statements that include queries
- Retrieve row and column data from tables
- Run data manipulation statements (DML) in Oracle Database 12c
- Create tables to store data
- Utilize views to display data
- Control database access to specific objects
- Manage schema objects
- Display data from multiple tables using the ANSI SQL 99 JOIN syntax
- Manage objects with data dictionary views
- Write multiple-column sub-queries
- Employ SQL functions to retrieve customized data
- Use scalar and correlated sub-queries
- Create reports of sorted and restricted data

Outline

- Introduction to Oracle Database
- Retrieve Data using the SQL SELECT Statement
- Learn to Restrict and Sort Data
- Usage of Single-Row Functions to Customize Output
- Invoke Conversion Functions and Conditional Expressions
- Aggregate Data Using the Group Functions
- Display Data From Multiple Tables Using Joins
- Use Sub-queries to Solve Queries
- The SET Operators
- Data Manipulation Statements
- Use of DDL Statements to Create and Manage Tables
- Other Schema Objects
- Control User Access
- Management of Schema Objects
- Manage Objects with Data Dictionary Views
- Manipulate Large Data Sets
- Data Management in different Time Zones
- Retrieve Data Using Sub-queries
- Regular Expression Support