

Oracle Database 11g: SQL Fundamentals I Self Study

Duration: 0 Days

What you will learn

This Oracle Database 11g: SQL Fundamentals I - Self-Study Course is designed to teach you the fundamentals of SQL using Oracle Database 11g database technology. Using the powerful Structured Query Language (SQL), the data contained within relational databases can be retrieved, managed and manipulated.

Learn To:

Develop essential SQL skills that enable developers to write queries against single and multiple tables.

Manipulate data in tables.

Create database objects.

Use single row functions to customize output.

Work with group functions to report aggregated data.

Use conversion functions and conditional expressions.

Manipulate queries to return required data.

Perform calculations on data.

Administer database objects.

Benefits to You

By enrolling in one of Oracle University's Self-Study Courses, you can download the course material and learn at your own pace. Build a foundation of SQL knowledge on your own time, from anywhere that's convenient for you.

Related Training

Required Prerequisites

Familiarity with data processing concepts and techniques

Ability to use a graphical user interface (GUI)

Course Objectives

To identify the concepts and components of an Oracle Database 11g database

recognize how to retrieve information from it using SQL

and identify the steps for sorting

limiting

To recognize the steps for writing queries that convert data from one type to another

specify conditions

perform calculations on groups of rows or even tables

and return value

To identify the steps for manipulating queries to return the data you need

using subqueries and set operators

and also for manipulating the actual data using INSERT

UPDATE

To recognize the steps for creating

defining

and dropping tables

manipulating how their data can be viewed

and using schema objects to generate integers

improve queries

Course Topics

Oracle Database 11g: Using SQL to Query Your Database

Using SQL in Oracle Database 11g

Retrieving, Restricting and Sorting Data

Using Single-Row Functions

Oracle Database 11g: Conversion Functions, Group Functions, and Joins

Conversion Functions and Conditional Expressions

Group Functions and Joins

Oracle Database 11g: Subqueries, Set Operators, and Data Manipulation

Using Subqueries and Set Operators

Manipulating Data

Oracle Database 11g: Using DDL, Views, Sequences, Indexes, and Synonyms

Using DDL Statements to Create and Manage Tables

Creating Other Schema Objects