

Oracle Database: PL/SQL Fundamentals

This Oracle Database: PL/SQL Fundamentals training will enhance developer skills through the powerful PL/SQL programming language. You'll learn to create and execute PL/SQL blocks of application code and integrate SQL with the programming constructs.

Learn To

This Oracle Database: PL/SQL Fundamentals training introduces you to PL/SQL and explains the benefits of this programming language. You'll learn how to create PL/SQL blocks of application code that can be shared by multiple forms, reports and data management applications.

Learn To:

- Conditionally control code flow (loops, control structures).
- Use explicit cursors.
- Handle runtime errors.
- Describe stored procedures and functions.
- Work with composite data types.
- Declare PL/SQL variables.
- Create anonymous PL/SQL blocks, stored procedures and functions.
- Declare identifiers and trap exceptions.

Benefits to You

Enrolling in this course will teach you how to extend the functionality of the SQL language with PL/SQL language to write application code. Your organization can then realize the full benefit of utilizing Oracle best practices.

Participate in Hands-On Exercises

Demonstrations and hands-on exercises reinforce the fundamental concepts you'll learn in this course, which is designed for a 10g and 11g audience (there are minor changes between 10g and 11g features). You'll use Oracle SQL Developer to develop these program units. SQL*Plus and JDeveloper are available as optional tools.

Audience

- Technical Consultant
- System Analysts
- PL/SQL Developer
- Forms Developer

Course Objectives

Handle runtime errors, Describe stored procedures and functions, Use cursors to process rows, Design PL/SQL anonymous block that execute efficiently, Describe the features and syntax of PL/SQL, Use PL/SQL programming constructs and conditionally control code flow (loops, control structures, and explicit cursors)

Course Topics

Introduction, Introduction to PL/SQL, PL/SQL Identifiers, Write Executable Statements, Interaction with the Oracle Server , Control Structures, Composite Data Types , Explicit Cursors, Exception Handling , Stored Procedures and Functions