

Oracle Database: PL/SQL Workshop

Duration: 5 Days

Course Description:

This course introduces students to PL/SQL, Procedural Language for SQL. Explore the differences between SQL and PL/SQL. Examine the characteristics of PL/SQL and how it is used to extend and automate SQL

Course Outlines:

- ➤ Lesson 1: Introduction
- ➤ Lesson 2: Introduction to PL/SQL
- Lesson 3: Declaring PL/SQL Variables
- Lesson 4: Writing Executable Statements
- ➤ Lesson 5: Using SQL Statements within a PL/SQL Block
- Lesson 6: Writing Control Structures
- ➤ Lesson 7: Working with Composite Data Types

- ➤ Lesson 8: Using Explicit Cursors
- ➤ Lesson 9: Handling Exceptions
- ➤ Lesson 10: Introducing Store Procedures and Functions
- ➤ Lesson 11: Creating Procedures
- ➤ Lesson 12: Creating Functions
- Lesson 13: Debugging Subprograms
- ➤ Lesson 14: Creating Packages
- ➤ Lesson 15: Working with Packages
- Lesson 16: Using Oracle Supplied Packages in Application Development
- ➤ Lesson 17: Using Dynamic SQL
- Lesson 18: Creating Triggers
- ➤ Lesson 19: Creating Compound, DDL, and Event Database Triggers
- Lesson 20: Design Considerations for the PL/SQL Code
- Lesson 21: Tuning the PL/SQL Compiler
- Lesson 22: Managing Dependencies