

Oracle Database PL-SQL



What will I learn?

The Oracle Database Program with PL/SQL begins by introducing PL/SQL and then moves on to explore its advantages and benefits. Delegates will have the opportunity to familiarize themselves with its stored procedures, functionalities, packages and more through innovative practices led by selected experts in the field.

What benefits would I gain from this course?

- Optimize database workloads,
- cut on IT costs,
- high quality service: enable consolidation onto database clouds,
- use Oracle SQL developer

Please note that SQL Plus and J Developer are optional tools but are still introduced in this course.

- Course bundle: this training program combines the following units:
- the basics of Oracle Database PL/SQL
- Oracle Database: Develop PL/SQL

Who would benefit from attending this course?

- Application Developers
- Database Administrators
- Developers
- Forms Developers
- PL/SQL Developers
- Portal Developers
- Systems Analysts
- Technical Consultants

Course Objectives:

- Create overloaded package sub-programmers for more flexibility
- Use conditional compilation to customize the functionality in a PL/SQL application without removing any source code
- Make triggers to resolve business issues and challenges
- Write dynamic SQL for more coding flexibility
- Design PL/SQL packages to group related constructs
- Construct and debug stored procedures and functionalities
- Design PL/SQL anonymous blocks that work effectively
- Use the Oracle supplied PL/SQL packages to produce screen output, file output and mail output
- Describe the features and syntax of PL/SQL
- Manage dependencies between PL/SQL sub-programmer
- Use PL/SQL programming constructs and conditionally manage code flow including loops, control structures, and explicit cursors
- Deal with runtime errors

Course Outlines:

- Overview
- Declare PL/SQL identifiers
- Use a Write executable statements
- Interacting with the oracle server
- Control servers
- Composite data types
- Explicit cursors
- Exception handling
- Stored Procedures
- Stored functions and debugging sub programmer
- Packages
- Deploying packages
- Implement Oracle-Supplied Packages in Application Development

- Dynamic SQL
- Design considerations for PL/SQL code
- Triggers
- Creating Compound, DDL, and Event Database Triggers
- Manage Dependencies