



StayAhead Training

Oracle Program with PL/SQL

5 days

P2

Delegates:

This course is designed for Oracle programmers and developers and provides practical experience in writing stand-alone PL/SQL programs and database triggers, functions, procedures and packages. It also introduces some of the Oracle-supplied packages including **DBMS_LOB** for handling Large Objects.

Objectives:

By the end of this course, the delegate will be able to write PL/SQL programs, manage stored program units, implement package constructs and handle Large Objects programmatically. The content of the course covers all the topics required for the Oracle PL/SQL Developer Certified Associate Examination #1Z0-147.

Topics Covered:

- The PL/SQL Program Structure
- Variables and Constants
- Using SQL in PL/SQL Programs
- Generating Output
- **IF** Statements and **LOOP** Constructs
- Using Cursors

- Handling Exceptions
- PL/SQL Records and Tables
- Creating Triggers, Stored Procedures and Functions
- Passing Parameters to Stored Program Units
- Creating Packages
- Implementing Package Features and Constructs
- Using PL/SQL Records and Tables in Packages
- Managing Stored Program Units
- Using Native Dynamic SQL
- Overview of Oracle-supplied Packages
- The **DBMS_LOB** Package for Handling Large Objects

Requirements:

Attendance on the pre-requisite course Oracle SQL*Plus or iSQLPlus products and practical experience in writing SQL statements. Some prior programming experience will also prove advantageous.

Pre-Requisites Courses:

SQL*Plus

Follow-On Courses:

- SQL Advanced
- Forms 6i - Part I
- Forms 9i - Part I
- Reports
- DBA Part I - Architecture & Administration

PL/SQL Web Applications

Combination of PL/SQL and PL/SQL Stored Program Units. Delegates may book this course as one 5 Day course starting on a Monday or as 2 courses, the dates to be selected from the PL/SQL and PL/SQL Stored Program Units scheduled dates.