

INTRODUCTION TO PL/SQL

Give your IT staff the knowledge of using Oracle's procedural language: PL/SQL.

The course utilizes a variety of current tools. Students will have the opportunity to learn more about SQL Developer, TOAD, as well as the Oracle tools like SQL*Plus.

Topics include: Oracle architecture, introduction to the PL/SQL syntax and language structure, and PL/SQL topics such as: basic syntax, if-then-else/case/looping, cursor management, exception handling, procedures/functions, packages, PL/SQL profiler, and PL/SQL debugger.

Each attendee receives a study guide with presentations and white papers, Oracle PL/SQL language pocket reference, diskette full of example SQL and SQL*Plus scripts, an opportunity to ask the tough Oracle questions, and a hands-on opportunity to learn more about Oracle, SQL developer, and TOAD, as well as TOAD or SQL developer tips and techniques.



AUDIENCE

- (1) database developer
- (2) software developer/programmers



PREREQUISITES

- (1) working knowledge of SQL



COURSE OBJECTIVES

- (1) the ability to develop Oracle procedures, functions, and database triggers using PL/SQL
- (2) construct various PL/SQL routines to solve simple and complex business questions
- (3) code PL/SQL
- (4) access data in a variety of methods
- (5) error handling
- (6) debugging



COURSE OUTLINE

NO TRAINING BUDGET?
Ask about Incumbent Worker Training grants!

DAY 1

INTRODUCTION TO ORACLE PL/SQL

- Oracle RDBMS Architecture Overview
- Introduction to SQL Developer/TOAD/SQL*Plus
- Introduction to PL/SQL
- Basic Syntax & Variables
- Cursors (Implicit & Explicit, Cursor Loops)
- PL/SQL Control Structures

DAY 2

INTRODUCTION TO ORACLE PL/SQL

- PL/SQL Exception Handling
- Procedures/Functions/Packages
- Passing Parameters
- PL/SQL Profiling
- PL/SQL Debugging
- PL/SQL New Features

