

Oracle Database 10g Advanced PL/SQL



[Ctrl+ Click here
to enquire about
this course:](#)

Course Duration: 4 days

Course Objectives:

The objective of this course is to allow PL/SQL developers to write efficient and tuned programs. Performance techniques, problem areas and troubleshooting tools are all presented.

Prerequisites:

- Oracle Database 10g: Introduction to SQL
- Oracle Database 10g: Program With PL/SQL
- Oracle Database 10g: Architecture for Developers
- Oracle Database 10g: SQL Tuning

Course Content

UNDERSTANDING THE TUNING ISSUES

USING TKPROF & AUTOTRACE

USING THE STATSPACK UTILITY

SETTING SNAPSHOT LEVELS & SQL
THRESHOLDS

MAINTAINING THE STATISTICS
PERFORMANCE TABLES

EXPLOITING & MANAGING CURSOR SHARING

BIND VARIABLES & CURSOR PEEKING

USING THE CURSOR_SHARING PARAMETER

USING CURSOR VARIABLES

USING SYS_REFCURSOR

INVOKING EXTERNAL PROCEDURES

REGISTERING WITH THE DATABASE

ORACLE NET CONFIGURATION

ADVANCED PROGRAM UNITS

USING INVOKER RIGHTS

NATIVE DYNAMIC SQL

AUTONOMOUS TRANSACTIONS

USING COLLECTIONS

BULK BIND USING COLLECTIONS

COLLECTION METHODS

Course content continues on next page:

For more information, or to book your course, please call Sense IT on 0870 4296445
Or visit our web site –www.sensetraining.co.uk

Oracle Database 10g Advanced PL/SQL



[Ctrl+ Click here
to enquire about
this course:](#)

PL/SQL TUNING WITH DBMS_PROFILER()

INSTALLING DBMS_PROFILER()

USING DBMS_PROFILER() TO MANAGE RUNS

EVALUATING THE PL/SQL PROFILER DATA

USER QUERIES OF THE CROSS RUN TABLES

SYSTEM-SUPPLIED CROSS RUN TABLES
QUERIES

PL/SQL TUNING TECHNIQUES

USING NOCOPY FOR PARAMETERS

USING THE RETURNING CLAUSE

CHOOSING THE OPTIMUM DATATYPE

USEFUL PL/SQL CODING TECHNIQUES

PL/SQL DEBUGGING WITH DBMS_TRACE()

INSTALLING DBMS_TRACE()

USING DBMS_TRACE() TO MANAGE RUNS

EXAMINING THE PLSQL_TRACE_ ... TABLES