

INTRODUCTION TO ORACLE SQL

Give your user community that competitive edge with this local Oracle Workshop. The course starts out with a complete overview of the Oracle architecture so students can get an understanding of how Oracle works. Attendees will learn how to access data from Oracle using the SQL language. Lectures and topics are enhanced with live illustrations and hands-on exercises.

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

Topics include: Oracle architecture, introduction to SQL topics (select, insert, update, delete), SQL scripting topics (formatting SQL), creating tables/indexes/views, and privileges.

Advanced topics include: joins, functions, group functions, cross-reference output, ANSI SQL syntax, referential integrity (data relationships), ODBC drivers, MS products, and SQL*Plus scripting topics.

Each attendee receives a study guide with presentations and white papers, SQL reference pocket guide, 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.



AUDIENCE

- (1) non-IT people
- (2) people new to the relational database world



PREREQUISITES

- (1) a working knowledge of a PC is helpful, but not required



COURSE OBJECTIVES

- (1) construct various SQL statements to solve simple and complex business questions
- (2) update and delete data
- (3) create tables
- (4) data relationships
- (5) using indexes to aid in the performance of the SQL
- (6) various types of reports using the SQL*Plus interface



COURSE OUTLINE

NO TRAINING BUDGET?

Ask about Incumbent Worker Training grants!

DAY 1

INTRODUCTION TO ORACLE SQL

- Oracle RDBMS Architecture Overview
- Introduction to TOAD/SQL*Plus
- Database Queries
- Data Manipulation
- Creating Tables
- Introduction to SQL Scripts

DAY 2

ADVANCED SQL TOPICS

- Functions
- Advanced SQL Joins
- ANSI SQL Syntax
- Sub Queries
- Group Functions
- Intro to SQL Tuning
- Referential Integrity
- Using ODBC Drivers and MS Products
- Building HTML Reports/SQL*Plus Scripting Topics

