

ORACLE 8i For End Users

Duration: 2 days

Description

This course is a hands-on, basic level Oracle course for the end user and assumes the participant has no prior knowledge of Oracle or relational databases.

Participants will learn:

- A basic understanding of general relational database terminology
- To initiate basic Oracle SQL commands
- To perform queries with SQL*Plus

Audience

This course is aimed at end users and managers.

Prerequisites

None

Topics

DATABASE MANAGEMENT SYSTEM (DBMS) OVERVIEW

- Database
- Database management systems (DBMS)
- Types of DBMS

FUNDAMENTALS OF RELATIONAL DATABASE MANAGEMENT SYSTEMS (RDBMS)

- Relational database principles
- Duplicate and null values
- Primary key Foreign key
- SQL*PLUS
- The SQL*Plus environment
- Invoking SQL*Plus
- Leaving SQL*Plus
- Entering and Executing commands
- The SQL buffer
- Basic SQL*Plus commands
- Login SQL
- The SELECT command
- Column aliases
- Distinct and all operators

STRUCTURED QUERY LANGUAGE (SQL) ELEMENTS

- Structured Query Language (SQL)
- Database objects
- View
- Synonym
- Object naming
- Object reference
- Data dictionary
- The dual table
- Data types
- Literal/constant
- Arithmetic operators
- Character operators
- Expression
- THE WHERE CLAUSE
- The WHERE clause
- Comparison operators
- String matching
- Logical operators
- Parenthesis

FUNCTIONS

- Functions

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- Number, character, date, other functions
- Conversions functions
- TO_CHAR
- TO_NUMBER
- TO_DATE
- Format models
- Date format models

ORDERING AND GROUPING

- Order By functions
- Group functions

THE JOIN CONDITION

- The join condition
- Table aliases
- Outer join
- Set operators

SUBQUERY

- Subquery
- Correlated subquery

DATA MANIPULATION (DML)

- Data manipulation
- (DML)commands
- Transaction control commands

COURSE LABS:

- RDBMS
- SQL*Plus basics
- SQL language elements
- WHERE clause
- Functions
- Ordering and grouping
- Joining
- Subquery
- DML