

## USING INFORMIX-SQL

A two day course for application developers and end users who have little or no working knowledge of Informix-SQL. Practical exercises are a significant feature of this course and are used throughout to consolidate theory.

### Course Objectives

On completion of this course the delegate will be able to:

1. Understand relational database terminology
2. Understand the structure of Informix database tables
3. Query and maintain data
4. Develop queries based on one or more tables in a database

### Prerequisites

There are no prerequisites for this course

### Course Content

Basic concepts of relational database design. Entities, attributes, Primary and Foreign Keys.

Connecting to a database. Understanding the structure of database tables. Informix data types, indexes and NULL values.

Constructing Informix SQL statements. Running, modifying and saving SQL scripts. Re-directing the output of queries.

Building a simple query. Using aggregate functions AVG, MAX, MIN, SUM, COUNT. Building expressions into the select list. Using display labels. Applying filter conditions using the WHERE clause. Using LIKE, MATCHES, BETWEEN and IN. Using the ORDER BY clause to sort the output of data. Understanding the GROUP BY clause. Selecting data into a temporary table. Selecting data from more than one table in the database. Simple and outer table joins.

Inserting, updating, and deleting data. In-built functions: USER, TODAY, and CURRENT. Date manipulation functions.

Introduction to transaction logging. Using the BEGIN/COMMIT/ROLLBACK WORK statements.

Unloading data and loading data using ascii files

FOR FURTHER DETAILS

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