



4D Group

## SQL Programming

### Who would benefit?

This course is for non-programmers who will need to extract data from SQL and learn the fundamentals of programming in the process.

### Objective

To understand and use the tools available to effectively extract data from SQL and understand the structured query language.

### Content

- Introduction to the extraction tools:
  - Enterprise Manager
  - SQL Query Analyzer
  - other options
- Introduction to query language:
  - SELECT
  - FROM
  - JOIN
  - WHERE
  - GROUP BY
  - HAVING
- Using CASE statements
- Using IN clause
- Using JOIN types
- Using Views and Stored Procedures and understand the differences

### Duration

One day

### Follow on training

Dependent upon the level required, a second day would cover:

### Content

Temporary tables  
Sub-queries  
Cursors