



Delegate Pre-Requisites

Delegates should have a working knowledge of Windows. No previous experience of SQL Server or relational databases is required.

Course Duration

This is a One Day Course

Course Details

Courses commence at 9:30 a.m. through to 4:30 p.m.

A laptop computer is provided for each delegate attending on this packed programme to try out the tips and techniques demonstrated

All delegates will receive comprehensive Training Courseware to refer to during the course, together with a Course Attendance Certificate

Schedule Courses

Off-site scheduled courses are available at a location near you - this course is available on our current programme - call our team for more details

Corporate Courses

On-site Corporate courses are available - you provide the Conference Room ... we bring everything else!

Modular Courses

Bite-sized 'modular' courses are available where you can build your own day course covering the topics that suit you - these are half day modules that you can mix and max



FAST TRACK
COMPUTER TRAINING LTD



Introduction to SQL Server

Target Audience

The course is designed as an introduction to the important features of relational databases and specifically Microsoft SQL Server. The course is designed for delegates who need to understand the basic concepts of SQL Server.

The Content

Relational Database Concepts

- * What is a Database?
- * Logical and Physical Design
- * The Relational Database
- * Primary Keys & Foreign Keys
- * Entity Relationship Diagrams
- * Design Normalisation

Relational Database Architecture

- * The RDBMS
- * Structured Query Language - SQL
- * Stored Queries
- * Indexes
- * Transactions and Log Files

SQL Server and Architecture

- * Overview of SQL Server
- * Server Fundamentals
- * Users and Security

SQL Server Tools

- * SQL Management Studio
- * SQL Server Books Online

Viewing Data

- * Accessing Data within Database Tables
- * The SELECT Statement
- * Manipulating Data
- * Selecting Rows
- * Sorting Data using ORDER BY
- * Aggregate Functions
- * Querying Multiple Tables Using Joins

Database and Table Structures

- * Creating Databases using SQL Server Creating Tables in SQL Server
- * Entering and Editing Data
- * Modifying Tables and Columns
- * Database Diagrams
- * Creating Database Diagrams

Improving Data Access

- * Using Views
- * Speeding up Data Access with Indexes
- * Opening databases with Excel and Access

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