

Introduction to Microsoft SQL Server

Duration: 3 days

SQL Server is Microsoft's flagship relational database application. This three-day course provides a grounding in relational database design methodology and in its practical application using SQL Server.

Upon completion of this course, the delegate will be familiar with the usage of SQL Server in the implementation of robust relational databases.

Course Objectives

This 3-day course provides clients with a good working knowledge of SQL Server & Transact SQL.

Principals of database design	Introduction to SQL Server	Hands On
<p>A series of presentations and exercises exploring the major aspects of robust relational database design. This section considers:</p> <ul style="list-style-type: none"> • Requirements Capture methodology • Normalisation • Keys • Relationships • Business rules • Views • Data integrity • Database modelling 	<p>This section explores the user interface. The menus, tools and wizards provided by SQL Server. Using examples and exercises, this section considers:</p> <ul style="list-style-type: none"> • Database, table and field creation • Security considerations • SQL Server Query Analyser • Stored Procedures • Indexes • Triggers • The T-SQL language • This section also includes an overview of Structured Query Language 	<p>The theories and skills explored in the previous sections are put into practice.</p> <p>In this section, delegates will design and build a relational database based upon a Case Study.</p> <p>Prerequisites</p> <p>This course is aimed at developers who already have some programming exposure.</p> <p>Experience of working with databases would also be an advantage (although not essential)</p>