

SQL Part 1: Introduction to SQL Server Query Writing

The course is designed as an introduction to the 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 and writing basic queries to retrieve data from the server.

Course Duration: This is a One Day Course

Delegate Pre-Requisites

No previous experience of SQL Server or relational databases is required.

What to Expect

Our carefully curated curriculum ensures you'll walk away with a clear understanding of key SQL concepts and techniques. Throughout the day, you'll gain insights into the core components of SQL Server, explore how to navigate SQL Server Management Studio, and practice writing queries to retrieve and manage data effectively.

Who Should Attend?

No prior experience with SQL Server or relational databases is required. This course is tailored for anyone eager to learn SQL—from professionals handling data in their roles to those simply interested in developing a new skill.

Course Topics:

- Introduction to databases and SQL
 - What is a Database?
 - Relational database basics
 - Overview of Table Structure
 - Other Database Objects
- Overview of SQL Server Management Studio
- Introduction to the SELECT statement
- Writing basic SELECT queries using
 - SELECT
 - FROM
 - WHERE
 - GROUP BY
 - HAVING
 - ORDER BY
- Introduction to SQL Expressions
- Retrieving data from multiple tables using join queries
 - INNER JOINS
 - OUTER JOINS
- Tables versus Views
 - What is a view
 - Writing queries using views
- Using the Query Designer to start your query.