



Technical Courses

SQL Intro

Format: One Day:
Max Capacity 6

This course assumes that you have no knowledge of how to query data using SQL in the SQL Server environment.

Course Content

Overview of SQL

The Select Statement

- The From Clause
- Aliasing Column Names
- The Select Distinct Statement
- Applied In Line Comments
- Applied Block Comments

Sorting Retrieved Data

- Order By Statement

Filtering data

- The WHERE Clause
- AND & OR operators
- BETWEEN and NOT BETWEEN operators to select values within an inclusive range
- The IN operator to specify multiple values in a where clause
- Search for data using the LIKE operator and SQL wildcards

Calculated fields

- Concatenation
- Mathematical operators

Aggregate (group) functions

- Sum function
- Avg function
- Min function
- Max function
- Count function
- The GROUP BY clause
- The HAVING clause
- The IsNull function
- The Case function
- The Convert function
- Inserting data
- Updating records
- Deleting records

Understanding the principles of relational databases

- Inner Join
- Left Join
- Right Join

Using a relational database to retrieve data

- Joined two tables together
- Extracted data from related tables
- Joined multiple tables
- Extracted information from multiple table