



SQL Language Introduction - 1 Day

Overview of SQL

The SELECT statement

Sorting Retrieved Data

Filtering Data

Calculated Fields

Inserting Data

Updating Records

Deleting Records

Understanding the Principles of Relational Databases

Using a Relational Database to Retrieve Data

SQL Language Intermediate - 1 Day

Brief Review of Select Statements

Include info on Comparison Operators - perhaps most part use exercises to gauge how well they know the basics of SQL

Advanced Select Statements

Distinct

SELECT INTO

Ordering Data

Using AND & OR for comparison

Group By

SQL IN (and NOT IN)

SQL BETWEEN AND (and NOT BETWEEN)

SQL HAVING

Mathematical Operators - Advanced

SQL Aliases

SQL Joins

INNER JOINS

LEFT JOIN

RIGHT JOIN

SQL UNION

UNION ALL

Modifying the Database

SQL Creating Indexes

SQL Creating Tables

SQL Creating Databases

SQL DROP

Truncating Tables

SQL ALTER TABLE

SQL Functions

Aggregate Functions

Aggregate Functions and Access

Aggregate Functions and SQL Server