

SQL Course Syllabus

Introduction to SQL

Data Definition Language (DDL)

Data Manipulation Language (DML)

Introduction to SQL Server

SQL Server Management Studio

Create a new Database

Queries

CREATE TABLE

Database Modelling

Create Tables using the Designer Tools

SQL Constraints

PRIMARY KEY

FOREIGN KEY

NOT NULL / Required Columns

UNIQUE

CHECK

DEFAULT

AUTO INCREMENT or IDENTITY

ALTER TABLE

INSERT INTO

UPDATE

DELETE

SELECT

The ORDER BY Keyword

SELECT DISTINCT

The WHERE Clause

Operators

LIKE Operator

IN Operator

BETWEEN Operator

Wildcards

AND & OR Operators

SELECT TOP Clause
Alias
SQL JOINS
SQL Scripts
Using Comments
Variables
Flow Control
CURSOR
Views
Stored Procedures
Functions
Triggers
Communication from other Applications
ODBC Connectivity

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