



Microsoft®
SQL Server®

MS SQL SERVER

Programming & development

Course Curriculum

Basic – 30 Hours

MS SQL SERVER

Module 1 : Introduction to MS SQL Server

What is SQL Server?

Usage of SQL Server

SQL Server Components

Module 2 : MS SQL Server

SQL Server editions and features

Installation of MS SQL Server

Module 3 : MS SQL Server - Architecture

General Architecture

Memory Architecture

Data file Architecture

Log file Architecture

Module 4 : MS SQL Server – Management Studio

First Method – Using SQL Server Management Studio

Second Method – Using T-SQL Script

Module 5 : MS SQL Server – Database

System Databases

User Databases

Module 6 : MS SQL Server – User Database

Create, Select and Drop Database

Method 1 – Using T-SQL Script or Restore Database

Method 2 – Using SQL Server Management Studio

Module 7 : MS SQL Server – Creating Backups, Restoring Database, Monitor Database, Create Users and Assign Permissions

Method 1 – Using T-SQL Script

Method 2 – Using SQL Server Management Studio

Module 8 : MS SQL Server – Services

SQL Server

SQL Server Agent

Other Services



Module 9 : MS SQL Server – HA Technologies

Replication

Log Shipping

Mirroring

Clustering

AlwaysON Availability Groups
