



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