

MSBI

COURSE SYLLABUS

MS SQL (Structured Query Language)

Introduction to SQL

RDBMS Concepts

Normalisation

Primary Key , Foreign Key

DDL – Concepts

DML – Concepts

Insert / Update / Select (Joins)

Functions (Inbuilt / User Defined)

Views, Stored Procedure

Index

Temporary Table (#tmp, CTE)

Query Troubleshooting

SQL Server Profiler/ Performance Tuning

Backup & Restore

Jobs

Users & Roles

DBA Concepts

SQL Reporting Server (SSRS)

Introduction to SSRS

Server and Client Components

Report Wizard and Control Properties

Tables and Grouping

Using Parameters

Sub report functionality

Report Designs Using Tables and Matrix

Charts

Report Builder

Scheduling and Subscriptions

Managing Report Manager

SQL Server Intelligence Service (SSIS)

Introduction to Integration Services

Control Flow Basics & Control Flow Tasks

Data Flow Basics & Data Flow Transformations

Expressions & Debugging

Scripts

Debugging SSIS Packages

Package Configurations

Error Handling

SSIS Logging

Deployment Procedures

SQL Analysis Service (SSAS)

Introduction to SSAS

OLTP and OLAP – Concept

Schema's and Dimensions – Concept