



Microsoft Business Intelligence

Introduction to SQL Server & T-SQL:

Overview of SQL Server

Designing and Creating a Database

SQL Server Management Studio

T-SQL Programming

Exception Handling

Basic SQL queries

Working with Advanced data types

Complex SQL queries

Data Manipulation

Working with Different Database Objects (Views, Indexes etc..)

SQL Server Partitions Implementation

User Defined Functions

Stored Procedures and Triggers

Dynamic SQL

Performance Tuning

SSIS - SQL Server Integration Service (ETL):

Overview of Integration Services

Control Flow

Data Flows

Variables and Configurations

Advanced Control Flow

Error Handling and Logging

Advanced Data Flow

Package Deployment

Package Management

Scripting and Custom Components

Migrating and Maintaining SQL Servers with Integration Services

Working with Analysis Services

Performance Tuning and Best Practices

SSRS - SQL Server Reporting Service (Reporting):



Overview of SQL Server Reporting Services
Creating Various types of Reports
Report Formatting
Grouping and Sorting
Expressions and Functions
Parameters
Charting
Manage Reporting Services
Programming Reporting Services
Snapshots
Subscriptions
Security
Performance Tuning
Report Builder

SQL Server Analysis Services (SSAS):

Overview of SSAS
OLAP Modeling
Creating Data Sources and Views
Creating Cubes
Cube Storage and Aggregation
KPI
Perspectives
Translations
Action Objects
Working with Dimensions
MDX Queries
MDX Expressions
Data Mining
SSAS Security
Clustering and Scalability
Performance Tuning
SSAS Clients