COURSE CONTENTS

SQL Server Integration Services [SSIS]

Module 1: Introduction to SQL Server Integration Services

- Need for SSIS Components
- Overview of SQL Server Integration Services
- Using Integration Services Tools
- Using the Import and Export Wizard
- Running an Integration Services Package

Module 2: SSIS Architecture

- Control Flow Tasks & Usage
- Data Flow Tasks Architecture
- Data Pipelines and Usage
- Conditional Precedence

Module 3: Basic SSIS Entities

- IS Data Types & Conversions
- SSIS Local & Global Variables
- Dynamic Precedence Flow
- Dynamic SSIS Connections

Module 4 : Developing Integration Services Solutions

- Creating an Integration Services Solution
- Using Variables
- Building and Running a Solution

Module 5: Implementing Control Flow

- Control Flow Tasks
- Control Flow Precedent Constraints
- Control Flow Containers

Module 6: Implementing Data Flow

- Data Flow Sources and Destinations
- Basic Data Flow Transformations
- Advanced Data Flow Transformations
- Data Flow Paths

Module 7: Implementing Logging

- Overview of Integration Services Logging
- Enabling and Configuring Logging

Module 8: Debugging and Error Handling

- Debugging a Package
- Implementing Error Handling

Module 9: Implementing Checkpoints and Transactions

- Implementing Checkpoints
- Implementing Transactions

Module 10: Configuring and Deploying Packages

- Package Configurations
- Deploying Packages

Module 11: Managing and Securing Packages

- Managing Packages
- Securing Packages