

# SQL SERVER INTEGRATION SERVICES

## Introduction to Data Warehousing Concepts

- What is SSIS?
- Why we need to use SSIS?
- Understanding basics of SSIS
- Understanding BIDS

## Introduction to Control Flow

- Control Flow in SSIS
- Control Flow Tasks
- Workflow Tasks
- Precedence Constraints
- Data Processing Tasks
- Other SQL Operation Tasks

## Introduction to Data Flows

- Data Flow in SIS
- Data Flow Pipeline
- Data Flow Sources
- Data Flow Destinations
- Data Viewers
- Data Flow Transformations

## Variables and Configurations

- Understanding Variables
- Using Variables in Control Flow
- Using Variables in Data Flow
- Understanding Property Expressions
- Understanding Configurations
- User Configurations
- Using Variables and Configurations between Packages

## Advanced Control Flow

- Advanced Control Flow Overview
- Using Containers
- Transactions Support in SSIS
- Additional Control Flow Tasks

## **Package Deployment**

- Overview of Deploying Packages
- Deployment Challenges
- Create a Package Deployment Utility
- The Package Installation Wizard
- Deploy a Package to SQL Server

## **Package Management**

- Managing packages with SQL Server Management Studio
- Executing Packages
- Scheduling packages with SQL Server Agent
- SSIS Security

## **Introduction to Scripting and Custom Components**

- Extending SSIS Capabilities Through Code
- The SSIS scripting
- Scripting in Control Flows
- Scripting in Data Flows
- Custom SSIS Components

## **Conclusion**