Implementing and Maintaining
Microsoft SQL Server Integration Services

Description: *This three-day instructor-led course teaches students how to implement an Integration Services solution in an organization. The course discusses how to develop, deploy, and manage Integration Services packages.*

Session 1: Introduction to SQL Server Integration Services
- Overview of SQL Server Integration Services
- Using Integration Services Tools

Session 2: Developing Integration Services Solutions
- Creating an Integration Services Solution
- Using Variables
- Building and Running a Solution

Session 3: Implementing Control Flow
- Control Flow Tasks
- Control Flow Precedent Constraints
- Control Flow Containers

Session 4: Implementing Data Flow
- Data Flow Sources and Destinations
- Basic Data Flow Transformations
- Advanced Data Flow Transformations
- Data Flow Paths

Session 5: Implementing Logging
- Overview of Integration Services Logging
- Enabling and Configuring Logging

Session 6: Debugging and Error Handling
- Debugging a Package
- Implementing Error Handling

Session 7: Implementing Checkpoints and Transactions
- Implementing Checkpoints
- Implementing Transactions

Session 8: Configuring and Deploying Packages
- Package Configurations
- Deploying Packages

Session 9: Managing and Securing Packages
- Managing Packages
- Securing Packages