SSIS - SQL SERVER INTEGARTION SERVICES

Course Duration: 10 Hours
Mode of training: Class Room

- WHAT IS SQL SERVER INTEGRATION SERVICES
- A SHORT INTEGRATION SERVICES HISTORY
- MAJOR DIFFERENCES BETWEEN DTS AND SSIS
- SCOPE OF MIGRATING FROM DTS
- SQL SERVER INTEGRATION SERVICES COMPONENTS
  - ❖ RUNTIME ENGINE
  - ❖ DATA FLOW ENGINE
  - ❖ SERVICES ENGINE
  - ❖ OBJECT MODEL
  - ❖ SSIS PLANNED FOR ETL

SSIS – GETTING STARTED
- MOVING DATA WITH IMPORT AND EXPORT WIZARD
- INSTALLALING SSIS SERVICES
- CREATING A SOLUTION AND PROJECT
- EXPLORING BUSINESS INTELLIGENCE DEVELOPMENT STUDIO
  - ❖ SOLUTION EXPLORER
  - ❖ PROPERTIES WINDOW
  - ❖ TOOL BOX
  - ❖ BIDS DESIGN ENVIRONMENT

CREATING FIRST PACKAGE
- CREATING AND USING CONNECTION MANAGERS
- USING AND CONFIGURING TASKS
- EXPLORING PACKAGE ENCRYPTIONS
- EXECUTING PACKAGES

TASKS
- CONTROL FLOW TASK
- FILE SYSTEM TASK
- CUSTOM SCRIPT TASK
- EXECUTABLE SQL TASK
- SEND MAIL TASK
- FTP TASK
- DATA FLOW TASK

EXTRACTING FROM SOURCE AND LOADING TO DESTINATION

TRANSFORMATIONS

- DATA CONVERSTION
- DERIVED COLUMN
- AGGREGATE
- SORT
- LOOKUP
- ROWCOUNT
- UNIONALL
- CONDTIONAL SPLIT
- FUZZY LOOKUP AND GROUPING

VARIABLES AND EXPRESSIONS

CONFIGURATION

TROUBLESHOOTING AND LOGGING DEPLOYMENT AND ADMINISTRATION

SSIS - SQL SERVER INTEGARTION SERVICES