MS-BI

- ## Introduction to MS-BI
  - What is MS-BI
  - BI/DWH Life Cycle
  - ETL and OLAP Tools
  - Features of MS-BI

- ## Introduction to SSIS (SQL Server Integration Services)
  - What is Package?
  - Different Type of Tasks in SSIS?
  - SSIS Installation
  - SSIS Architecture

- ## Developing SSIS Packages
  - SSIS Wizard
  - SSIS Designer
  - Control Flow Tasks
  - Containers
  - Data Flow Tasks(Covers Sources, Transformations & Destinations)
  - Variables & Expressions
  - .Net Scripting in SSIS

- ## Error Handling and Debugging SSIS
  - Events(Event Handling)
  - Data Viewers
  - Breakpoints
  - Logging(Log providers)

- ➢ SSIS Administration
  - SSIS Deployment
  - SSIS Configurations
  - SSIS Security
  - Manually Executing SSIS Package
  - Scheduling SSIS Package
  - Importing and Exporting Packages
  - Monitoring and Optimizing Packages

- ➢ Other Concepts
  - **Transactions**
  - **Checkpoints**
  - Slowly Changing Dimension
  - **Implementation of Incremental loading**

- ➢ **New Concepts introduction in SSIS 2012 Version**

- ➢ **Introduction to SSRS** (SQL Server Reporting Services)
  - Reporting Services Architecture
  - Reporting Services Terminology
- ➢ Creating Reports
  - Data Sources
  - Datasets
  - Report Wizard
  - Report Designer
- ➢ Calculations and Formatting
  - Creating Expressions
  - Using the Global Collection

- **Grouping and Sorting**
  - Creating Groups and Calculating Totals and Percentages
  - Interactive Sorting
- **Advanced Authoring**
  - Drill Down Reports
  - Drill through Reports
  - Sub Reports
  - Parameterized Reports
  - Filters in SSRS
  - Actions in SSRS
  - .NET Scripting in SSRS
- **SSRS Administration**
  - Installation and Configuration
  - Deployment and Security
  - Subscriptions and Rendering
  - Caching and Snapshots
- **Ad-HOC Reports Development**
  - Report Model
  - Report Builder

- **Introduction to SSAS (SQL Server Analysis Services)**
  - Dimensions
  - Facts
  - Data Sources
  - Data Source Views
- **Developing Cubes**
  - Cube Designer
  - Partitions and Aggregations
  - Dimension Usage

- Calculations and KPIS
- Perspectives, Actions
- Translations

➤ MDX Language
- Axes, Slice
- Tuple and Set
- MDX Queries
- MDX Expressions
- MDX Scripts

➤ SSAS Administration
- Installation
- Configuration
- Deployment
- Processing
- Security
- Backup and Restore

Course Duration: 45 to 50 Days
Course Timings:
Course Fee: RS. 12,000/-

Extra Activities:

➤ Helping in the Resume Preparation.

➤ Providing the Interview Questions Document

➤ Provides Recordings for Each Topic

➤ Provides the Example Files.

➢ Dataflow Transformations:

- Row and Column Transformations

- Combining and Splitting Data

- Performing SQL Database Operations

- MERGE Vs UNION ALL Transformations

- Lookup, Fuzzy Lookup and Grouping

- SORT Vs AGGREGATE Transformations

- OLE-DB Command Usage & Parameters

- Derived Columns & Data Conversions

- SSIS Parameter Mappings & Options