

MICROSOFT BUSINESS INTELLIGENCE (BI) COURSE CONTENT

- ❖ **INTRODUCTION TO MICROSOFT BUSINESS INTELLIGENCE 2008**
- ❖ **INSTALLING AND USING BI TOOLS**
- ❖ **CONFIGURING BI TOOLS**

SSIS

- ❖ **INTRODUCTION TO SQL SERVER 2008 INTEGRATION SERVICES:**
 - Over view of integration services solutions
 - Integration Services Tools
- ❖ **DEVELOPING INTEGRATION SERVICES SOLUTIONS:**
 - Creating an Integration Services Solution
 - Using Variables
 - Building and Running a Solution
- ❖ **IMPLEMENTING CONTROL FLOW:**
 - Control Flow Tasks
 - Control Flow Precedence Constraints
 - Control Flow Containers
- ❖ **IMPLEMENTING DATA FLOW:**
 - Data Flow Sources and Destinations
 - Data Flow Transformations
 - Data Flow Pipeline
- ❖ **IMPLEMENTING LOGGING:**
 - Overview of Integration Services Logging
 - Implementing Logging
- ❖ **DEBUGGING AND ERROR HANDLING:**
 - Debugging a Package
 - Implementing handling
- ❖ **IMPLEMENTING CHECKPOINTS AND TRANSACTIONS:**
 - Implementing Checkpoints
 - Implementing Transactions
- ❖ **SSIS ADMINISTRATION:**
 - Deploying Packages
 - Managing Packages
 - Securing Packages
 - Scheduling a Package

SSRS

- ❖ **INTRODUCTION TO MICROSOFT SQL SERVER REPORTING SERVICES:**
 - Over View of SQL Server Reporting Services

- Installing Reporting Services Reporting Services Tools

❖ **AUTHORING REPORTS:**

- Creating a Basic Table Report
- Formatting Report Pages
- Calculating Values
- Interactive Navigation
- Displaying Data

❖ **MANIPULATING DATA SETS:**

- Defining Report Data
- Using parameters and Filters
- Using Parameter Lists

❖ **PUBLISHING AND EXECUTING REPORTS:**

- Publishing reports
- Executing reports
- Creating Cached instances
- Creating Snapshots and Report History

❖ **USING SUBSCRIPTIONS TO DISTRIBUTE REPORTS:**

- Introduction to Report Subscriptions
- Creating Report Subscriptions
- Managing Report Subscriptions

❖ **SSRS ADMINISTRATION:**

- Server Administration
- Performance and Reliability monitoring
- Administering Report Server Databases
- Security Administration

SSAS

❖ **INTRODUCTION TO ANALYSIS SERVICES:**

- OLTP,DWH
- OLAP TYPES
- SSAS Architecture
- Dimension Tables
- Fact tables
- Cubes
- Analysis Services Tools

❖ **CUBE DESIGN PROCESS AND CONCEPTS:**

- Dimensions
- Measure groups
- Creating Simple Calculations
- Aggregations and Hierarchies
- Dimensions Relationships
- Transactions
- Perspectives

❖ **ADVANCED CUBE DESIGN PROCESS:**

- MDX introduction and Queries
- Implementing KPI
- Implementing Actions
- Using Write back

❖ **SSAS ADMINISTRATION:**

- Apply Security Roles
- Levels of Security
- VLDB with partitioning
- OLAP Processing
- Monitoring Cube activity
- Deployment and Scheduling
- Planning for Disaster Recovery
- Performance Tuning SSAS

