

# Course Brochure

MS-BI 2008

## Overview

• Business is method of a storing and presenting key enterprise data so that anyone in your company can quickly and easily ask questions of accurate and timely data. Business analyst will drill in to the detailed data, executives will see timely summarized data and managers will see different levels of data they need to make good business decisions.

## Pre-requisites

• Knowledge of RDBMS concepts and SQL Language (DDL, DML, DCL)

## Applications

## Introduction to MS - BI

- ❖ What is MS-BI
- ❖ BI/DWH life cycle
- ❖ ETL and OLAP Tools
- ❖ Features of MS-BI

## Introduction to SSIS

- ❖ Package
- ❖ Tasks
- ❖ SSIS installation
- ❖ SSIS Architecture

## Developing SSIS Packages

- ❖ SSIS Wizard
- ❖ SSIS Designer
- ❖ Control Flow Tasks
- ❖ Data Flow Task [ETL]
- ❖ Variables and Expressions
- ❖ .Net Scripting in SSIS

## Errors and Debugging SSIS

- ❖ Events
- ❖ Configure Error Output
- ❖ Data viewers
- ❖ Breakpoints
- ❖ Execution Logging

## SSIS Administration

- ❖ Deployment
- ❖ Configuration
- ❖ Security
- ❖ Manually Executing SSIS Package
- ❖ Scheduling SSIS Package
- ❖ Importing and Exporting Packages
- ❖ Monitoring and Optimizing Packages

## DWH with SSIS

- ❖ DWH concepts and Architecture
- ❖ Dimension Tables Data Loading
- ❖ Fact Tables Data Loading

## Introduction to SSRS

- ❖ Data Sources
- ❖ Datasets
- ❖ Reports
- ❖ Report Wizard
- ❖ Report Designer

## Authoring Reports

- ❖ Report Items
- ❖ Report Layout Sections
- ❖ SSRS Expressions
- ❖ Working with Data Regions

## Advanced Authoring

- ❖ Parameterized Reports
- ❖ Drill Down Reports
- ❖ Sub 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 Project
- ❖ Model Designer
- ❖ Report Builder

## Introduction To SSAS

- ❖ Dimensions
- ❖ Facts
- ❖ Data Sources
- ❖ Data Source Views

## Developing Cubes

- ❖ Cube Designer
- ❖ Partitions and Aggregations
- ❖ Dimension Usage
- ❖ Calculations and Kpis
- ❖ Perspectives, Actions
- ❖ Translations
- ❖ Write-back feature

## MDX Language

- ❖ Axes, Slice
- ❖ Tuple and set
- ❖ MDX Queries
- ❖ MDX expressions
- ❖ MDX Scripts

## SSAS Administration

- ❖ Installation
- ❖ Configuration
- ❖ Deployment
- ❖ Processing
- ❖ Security
- ❖ Backup and Restore

## Introduction to Data Mining