

Deccansoft Software Services

(A Microsoft Learning Partner)

Module 1:-- Introduction To SSAS

- ❖ Need of Analysis
- ❖ Basics of Data Warehouse

Module 2:-- OLAP Modeling

- ❖ Modeling source schemas—stars and snowflakes
- ❖ Understanding dimension
- ❖ Understanding fact (measures)

Module 3:-- Using SSAS in BIDS

- ❖ Understanding the development environment
- ❖ Creating Data Sources and Data Source Views
- ❖ Creating and Deploying cubes
- ❖ Refining Dimensions and Measures

Module 4:-- Using MDX

- ❖ Basic syntax
- ❖ Using the MDX query editor in SQL Server Management Studio
- ❖ MDX Members Names
- ❖ Hierarchies, Levels and Members
- ❖ Using MDX Expressions
- ❖ Creating Simple MDX Queries

Module 5:-- Working with Dimensions

- ❖ Configuring dimension
- ❖ Adding ,removing dimensions
- ❖ Defining Hierarchies
- ❖ Creating Linked Dimension

Module 6:-- Working with Measures and Measure Groups

- ❖ Creating measures, measure groups
- ❖ Working with Name Calculation
- ❖ Working with Named Query

Module 7:-- Working with CUBE

- ❖ KPIs (Key Performance Indicators)
- ❖ Perspectives
- ❖ Translations
- ❖ Actions – regular, drill-through and reporting
- ❖ CUBE processing options.

Module 8:-- Cube Storage and Aggregation

- ❖ Implementing Partitions
- ❖ Table and Query Basic Aggregations
- ❖ Customizing Aggregation Design
- ❖ Storage Design (MOLAP, ROLAP, HOLAP)
- ❖ Proactive Caching

Module 9:-- Deployment and Security

- ❖ Various Ways of Deployment
- ❖ (Using SSDT, Deployment Wizard, XMLA ,Backup and Restore)
- ❖ Implementing Role Based Security.

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