
MSBI COURSE CONTENT

INTRODUCTION

- MSBI Introduction
- Excel Example using pivot table
- Demonstration of SQL Services with cube as the data source
- Core concept of BI is the cube or UDM

OLAP MODELLING

- Modeling source schemas of snowflakes and stars
- cube modeling and Understanding fact
- Modeling types.

SSAS (SQL Server Analysis Services)

- development Understanding environment
- Creation of cubes
- Dimensions Refining
- BIDS Measuring
- Creating Data Sources and Data Source Views

ADVANCED SSAS

- Using multiple tables
- Modeling dimensions,
- write back dimensions, Role-playing dimensions,
- Dimension Intelligence w/ Wizard -Modeling changing dimensions
- Modeling intermediate fact tables

BEGINNING AND INTERMEDIATE MDX

- Syntax Basics
- Adding calculated members

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- Adding named sets
- Common tasks & Functions used
- MDX functions New
- Adding scripts
- Using the MDX query editor in SQL Management Studio
- .NET Assemblies
- SSAS Administration

SSIS (SQL Integration Analysis Services)

- The Export and Import Wizard
- Packages
- Maintenance Plan Packages
- Maintenance Plans in Database
- Exporting and Importing Data
- Changes in SQL Server 2005 Service Pack 2

CONTROL AND ADVANCED CONTROL FLOW

- Overview of Control Flow
- Containers – grouping and looping
- The WMI tasks
- SQL Task
- FTP Task
- Precedence Constraints
- Send Mail Task
- Web Service Task
- The Execute Package Task

ERROR HANDLING DEBUGGING AND LOGGING

- debugging overview in SSIS
- windows in SSIS debugging

- Built-in log providers
- Data Flow: Error data flow
- Breakpoints in SSIS
- Configuring Package Logging

PACKAGE DEPLOYMENT IN SSIS

- Deployment and Configurations
- Deployment options
- Deployment security
- The deployment utility

SSRS (SQL Reporting Analysis Services)

CREATING REPORTS

- Deconstructing Reporting Services
- Creating Reports from Scratch
- Shared Data Sources

GROUPING AND SORTING

- Creating Groups
- Interactive Sorting
- Creating Drill-Down Reports
- Calculating Totals and Percentages

ADVANCED REPORTING SERVICES PROGRAMMING

- Using the Reporting Services Web Service
- Working with Custom Assemblies

COURSE HIGHLIGHTS

- Free trial on courses for two days
- 100% placement assistance

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