

Implementing and Maintaining Microsoft SQL Server 2008

Analysis Services



MS6234A



Individuals who design and maintain business intelligence solutions for their organization / individuals who develop applications that deliver content from SQL Server Analysis Services to the organization



3 jours

TARIF : NOUS CONSULTER

Pré-requis :

- Conceptual understanding of OLAP solutions.
- Experience navigating the Microsoft Windows Server environment.
- Experience with Windows services (starting and stopping).
- Experience creating service accounts and permissions.
- Experience with Microsoft SQL Server, including : SQL Server Agent, query language (SELECT, UPDATE, INSERT, and DELETE), System tables, accounts (users and permissions).

Vous serez capable à l'issue du stage de :

- Describe how SQL Server Analysis Services can be used to implement analytical solutions.
- Create multidimensional analysis solutions with SQL Server Analysis Services.
- Implement dimensions and cubes in an Analysis Services solution.
- Implement measures and measure groups in an Analysis Services solution.
- Query a multidimensional Analysis Services solution.
- Customize an Analysis Services cube.
- Deploy and secure an Analysis Services database.
- Maintain a multidimensional Analysis Services solution.
- Implement a Data Mining solution.

A noter : Le support de cours est en langue anglaise et la formation en français

1. Introduction to Microsoft SQL Server Analysis Services :

- Overview of Data Analysis Solutions
- Overview of SQL Server Analysis Services
- Installing SQL Server Analysis Services

2. Creating Multidimensional Analysis Solutions :

- Developing Analysis Services Solutions
- Creating Data Sources and Data Source Views
- Creating a Cube

3. Working with Cubes and Dimensions :

- Configuring Dimensions
- Defining Attribute Hierarchies
- Sorting and Grouping Attributes

4. Working with Measures and Measure Groups :

- Working With Measures
- Working with Measure Groups

5. Querying Multidimensional Analysis Solutions :

- MDX Fundamentals
- Adding Calculations to a Cube

6. Customizing Cube Functionality :

- Implementing Key Performance Indicators
- Implementing Actions
- Implementing Perspectives
- Implementing Translations

7. Deploying and Securing an Analysis Services Database :

- Deploying an Analysis Services Database
- Securing an Analysis Services Database

8. Maintaining a Multidimensional Solution :

- Configuring Processing
- Logging, Monitoring, and Optimizing an Analysis Services Solution
- Backing Up and Restoring an Analysis Services Database

9. Introduction to Data Mining :

- Overview of Data Mining
- Creating a Data Mining Solution
- Validating Data Mining Models