

Implementing and Maintaining Microsoft SQL Server 2005 Analysis Services - Course 2791

3 day course

Course Overview

This three-day instructor-led course teaches students how to implement an Analysis Services solution in an organization. The course discusses how to use the Analysis Services development tools to create an Analysis Services database and an OLAP cube, and how to use the Analysis Services management and administrative tools to manage an Analysis Services solution.

Audience

This course is intended for information technology (IT) professionals and developers who need to implement analysis solutions by using Microsoft SQL Server 2005 Analysis Services.

Course Content:

Skills Gained

- Describe how SQL Server Analysis Services can be used to implement analytical solutions.
- Create multidimensional analysis solutions with SQL Server Analysis Services.
- Implement dimensions 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.

Prerequisites

- Before attending this course, students must have:
- 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
- SQL Server query language (SELECT, UPDATE, INSERT, and DELETE)
- SQL Server System tables
- SQL Server accounts (users and permissions)

Course Outline

- Module 1: Introduction to Microsoft SQL Server 2005 Analysis Services
 - Module 2: Creating Multidimensional Analysis Solutions
 - Module 3: Working with Dimensions
 - Module 4: Working with Measures and Measure Groups
 - Module 5: Querying Multidimensional Analysis Solutions
 - Module 6: Customizing Cube Functionality
 - Module 7: Deploying and Securing an Analysis Services Database
 - Module 8: Maintaining a Multidimensional Solution
 - Module 9: Introduction to Data Mining
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