

Implementing Data Models and Report with Microsoft SQL Server (MOC 20466D)

Duration : 5 Days

Course Content

The focus of this five day instructorled course is on creating managed enterprise BI solutions. It describes how to implement multidimensional and tabular data models, deliver reports with Microsoft® SQL Server® Reporting Services, create dashboards with Microsoft SharePoint Server PerformancePoint Services, and discover business insights by using data mining.

Prerequisites

- At least 2 years' experience of working with relational databases, including:
- Designing a normalized database.
- Creating tables and relationships.
- Querying with TransactSQL.
- Some basic knowledge of data warehouse schema topology (including star and snowflake schemas).
- Some exposure to basic programming constructs (such as looping and branching).
- An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable..

Course Outline

- Module 1: Introduction to Business Intelligence and Data Modeling
- Module 2: Creating Multidimensional Databases
- Module 3: Working with Cubes and Dimensions
- Module 4: Working with Measures and Measure Groups
- Module 5: Introduction to MDX
- Module 6: Customizing Cube Functionality
- Module 7: Implementing an Analysis Services Tabular Data Model

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- Module 8: Introduction to Data Analysis Expression (DAX)
- Module 9: Implementing Reports with SQL Server Reporting Services
- Module 10: Automating Report Execution and Delivery
- Module 11: Delivering BI with SharePoint PerformancePoint Services
- Module 12: Performing Predictive Analysis with Data Mining.

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