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Implementing Data Models and Reports with Microsoft SQL Server

Module 1: Introduction to Business Intelligence and Data Modeling

- ✓ Elements of an Enterprise BI Solution
- ✓ The Microsoft Enterprise BI Platform
- ✓ Planning an Enterprise BI Project

Module 2: Creating Multidimensional Databases

- ✓ Introduction to Multidimensional Analysis
- ✓ Creating Data Sources and Data Source Views
- ✓ Creating a Cube
- ✓ Overview of Cube Security

Module 3: Working with Cubes and Dimensions

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

Module 4: Working with Measures and Measure Groups

- ✓ Working with Measures
- ✓ Working with Measure Groups

Module 5: Introduction to MDX

- ✓ MDX Fundamentals
- ✓ Adding Calculations to a Cube
- ✓ Using MDX to Query a Cube

Module 6: Enhancing a Cube

- ✓ Working with Key Performance Indicators
- ✓ Working with Actions
- ✓ Working with Perspectives
- ✓ Working with Translations

Module 7: Implementing an Analysis Services Tabular Data Model

- ✓ Introduction to Analysis Services Tabular Data Models
- ✓ Creating a Tabular Data Model
- ✓ Using an Analysis Services Tabular Data Model in the Enterprise

Module 8: Introduction to DAX

- ✓ DAX Fundamentals
- ✓ Enhancing a Tabular Data Model with DAX

Module 9: Implementing Reports with SQL Server Reporting Services

- ✓ Introduction to Reporting Services
- ✓ Creating a Report with Report Designer
- ✓ Grouping and Aggregating Data in a Report

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- ✓ Publishing and Viewing a Report

Module 10: Enhancing Reports with SQL Server Reporting Services

- ✓ Showing Data Graphically
- ✓ Filtering Reports by Using Parameters

Module 11: Managing Report Execution and Delivery

- ✓ Managing Report Security
- ✓ Managing Report Execution
- ✓ Subscriptions and Data Alerts
- ✓ Troubleshooting Reporting Services

Module 12: Delivering BI with SharePoint PerformancePoint Services

- ✓ Introduction to SharePoint Server as a BI Platform
- ✓ Introduction to PerformancePoint Services
- ✓ PerformancePoint Data Sources and Time Intelligence
- ✓ Reports, Scorecards, and Dashboards

Module 13: Performing Predictive Analysis with Data Mining

- ✓ Overview of Data Mining
- ✓ Creating a Data Mining Solution
- ✓ Validating a Data Mining Model
- ✓ Consuming Data Mining Datas