MS20467 - Designing Business Intelligence Solutions with Microsoft SQL Server 2014

Microsoft - SQL Server - Business Intelligence

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**-**

Descrizione del corso

This training course teaches database and business intelligence (BI) professionals how to plan and design a BI solution that is based on Microsoft SQL Server 2014 and other Microsoft BI technologies.

Programma

1. Planning a BI Solution
    1. Elements of a BI Solution
    2. The Microsoft BI Platform
    3. Planning a BI Project
2. Planning SQL Server Business Intelligence Infrastructure
    1. Considerations for BI Infrastructure
    2. Planning Data Warehouse Hardware
3. Designing a Data Warehouse
    1. Data Warehouse Design Overview
    2. Designing Dimension Tables
    3. Designing Fact Tables
    4. Designing a Data Warehouse Physical Implementation
4. Designing an ETL Solution
    1. ETL Overview
    2. Planning Data Extraction
    3. Planning Data Transformation
    4. Planning Data Loads

5. Designing Analytical Data Models
    1. Introduction to Analytical Data Models
    2. Designing an Analytical Data Model
    3. Designing Dimensions
    4. Enhancing Data Models
6. Planning a BI Delivery Solution
    1. Considerations for Delivering BI
    2. Common Reporting Scenarios
    3. Choosing a Reporting Tool
7. Designing a Reporting Services Solution
    1. Planning a Reporting Services Solution
    2. Designing Reports
    3. Planning Report Consistency
8. Designing a Microsoft Excel-Based Reporting Solution
    1. Using Excel for Data Analysis and Reporting
    2. PowerPivot for Excel
    3. Power View for Excel
9. Planning a SharePoint Server BI Solution
    1. Introduction to SharePoint Server as a BI Platform
    2. Planning Security for a SharePoint Server BI Solution
    3. Planning Reporting Services Configuration
    4. Planning PowerPivot Configuration
    5. Planning for PerformancePoint Services
10. Monitoring and Optimizing a BI Solution
    1. Overview of BI Monitoring
    2. Monitoring and Optimizing the Data Warehouse
    3. Monitoring and Optimizing Analysis Services
    4. Monitoring and Optimizing Reporting Services
11. Operating a BI Solution
    1. Overview of BI Operations
    2. ETL Operations
    3. Data Warehouse Operations
    4. Analysis Services Operations
    5. Reporting Services Operations