MS20466 - Implementing Data Models and Reports with Microsoft SQL Server 2014

Microsoft - SQL Server - Business Intelligence

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**MCSE Data Management and Analytics**

Descrizione del corso

he focus of this five-day instructor-led 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. Note: This course is designed for customers who are interested in learning SQL Server 2012 or SQL Server 2014. It covers the new features in SQL Server 2014, but also the important capabilities across the SQL Server data platform.

Programma

1. Introduction to Business Intelligence and Data Modeling
    - Elements of an Enterprise BI Solution
    - The Microsoft Enterprise BI Platform
    - Planning an Enterprise BI Project
2. Creating Multidimensional Databases
    - Introduction to Multidimensional Analysis
    - Creating Data Sources and Data Source Views
    - Creating a Cube
    - Overview of Cube Security
3. Working with Cubes and Dimensions
    - Configuring Dimensions
    - Defining Attribute Hierarchies
    - Sorting and Grouping Hierarchies

4. Working with Measures and Measure Groups
    - Working with Measures
    - Working with Measure Groups
5. Introduction to MDX
    - MDX Fundamentals
    - Adding Calculations to a Cube
    - Using MDX to Query a Cube
6. Enhancing a Cube
    - Working with Key Performance Indicators
    - Working with Actions
    - Working with Perspectives
    - Working with Translations
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
8. Introduction to DAX
    - DAX Fundamentals
    - Enhancing a Tabular Data Model with DAX
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
    - Publishing and Viewing a Report
10. Enhancing Reports with SQL Server Reporting Services
    - Showing Data Graphically
    - Filtering Reports by Using Parameters
11. Managing Report Execution and Delivery
    - Managing Report Security
    - Managing Report Execution
    - Subscriptions and Data Alerts
    - Troubleshooting Reporting Services
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.

13. Performing Predictive Analysis with Data Mining
    - Overview of Data Mining
    - Creating a Data Mining Solution
    - Validating a Data Mining Model
    - Consuming Data Mining Data

ITCore Group

Via Balestra, 12
6900 Lugano (CH)
+41.091.9760019
www.itcoregroup.com

Via Lanino, 36
21047 Saronno (VA)
+39.02.84108669
www.itcoregroup.com