MANAGING SQL BUSINESS INTELLIGENCE OPERATIONS (M10988)

Course Code: 4425

Learn about business intelligence solutions for SQL Server 2016.

This course looks at various options that provide the ability of business users to analyze data and share their findings, starting with managed BI data sources and expanding to personal and external/public data sources.

This course is also available in the On-Demand delivery format with digital Microsoft Official Courseware (dMOC). Click here to purchase.

What You'll Learn

- Key features of a self-service BI solution
- Key capabilities of SQL Server BI in a SharePoint environment
- Common analysis services operational tasks
- PowerPivot for SharePoint server
- Power Query
- Windows Azure HDInsight

Who Needs to Attend

- BI professionals
- Technically proficient business users

Prerequisites

- Basic knowledge of data warehouse schema topology (including star and snowflake schemas)
- 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
- Familiarity with SharePoint Server and Microsoft Office applications (particularly Excel)
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| CLASSROOM LIVE | $2,295 USD | 3 days |
Virtual Classroom Live Outline

1. Introduction to Operational Management in BI Solutions
   • Rationale for BI Operations
   • Roles in BI Operations
   • Technologies Used in BI Operations
   • Environment and Operational Standards

2. Configuring BI Components
   • Importance of Standardized Builds
   • Configuration Considerations for BI Technologies
   • BI Architectures
   • SharePoint BI Environments

3. Managing Business Intelligence Security
   • Security Approach to BI Solutions
   • Security Components
   • Security Approach for BI Components
   • The Security Approach in Different BI Environments

4. Deploying BI Solutions
   • Application Life Cycle Management for BI Solution
   • Stand-Alone Deployments
   • Team-Based Deployments

5. Logging and Monitoring in BI Operations
   • The Need for Logging and Monitoring
   • Logging Options
   • Monitoring Options
   • Setting Up Alerts

6. Troubleshooting BI Solutions
• Troubleshoot Failed BI Solutions
• Troubleshooting the Data Warehouse
• Troubleshooting SQL Server Analysis Services
• Troubleshooting SQL Server Reporting Services

7. Performance Tuning BI Queries
   • The Need for Performance Tuning
   • BI Queries to Performance Tune
   • Tools for Performance Tuning
   • Remediating Performance Issues

Virtual Classroom Live Labs
Lab 1: Introduction to operational Management in BI Solutions
Lab 2: Configuring BI Components
Lab 3: Managing Business Intelligence Security
Lab 4: Deploying BI Solutions
Lab 5: Monitoring BI Solutions
Lab 6: Troubleshooting BI Solutions
Lab 7: Performance Tuning a BI Solution
On-Demand Outline

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PRIVATE GROUP TRAINING

3 days

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