



Managing SQL Business Intelligence Operations

Microsoft Official Curriculum (MOC 10988)

Course Length: 3 days

Course Delivery: Traditional Classroom • Online Live

Course Overview

This 3-day instructor-led course is aimed at database professionals who manage Business Intelligence (BI) operations. 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.

Audience

The primary audience for this course are business intelligence professionals.

The secondary audiences for this course are technically proficient business users.

Prerequisites

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- 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.

Familiarity with SharePoint Server and Microsoft Office applications – particularly Excel

Objectives

After completing this course, students will be able to:

- Describe key features of a self-service BI solution
- Describe the key capabilities of SQL Server BI in a SharePoint environment
- Describe common Analysis Services operational tasks
- Describe PowerPivot for SharePoint server



- Describe Power Query
- Describe Windows Azure HDInsight

Course Details

Module 1: Introduction to Microsoft SQL Server BI Solution

This module introduces key features of a self-service BI solution.

Lessons

- Overview of self-service BI
- Considerations of self-service BI
- Microsoft tools for self-service BI

Lab : Exploring an enterprise BI solution

After completing this module, you will be able to:

- Describe the concept of self-service BI
- Explain when you would use self-service BI
- Describe the Microsoft tools for self-service BI

Module 2: SQL Server BI Features with Microsoft SharePoint

This module describes the key capabilities of SQL Server BI in a SharePoint environment.

Lessons

- Capabilities of Power BI with SharePoint
- SharePoint with analysis services
- SharePoint with reporting services
- Deploying SQL server BI in a SharePoint environment

Lab : Design a SQL Server BI infrastructure

After completing this module, you will be able to:

- Describe the capabilities of Power BI with SharePoint
- Describe the use of SharePoint with analysis services
- Describe the use of SharePoint with reporting services
- Deploy SQL Server in a SharePoint environment



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Module 3: Operating Analysis Services

This module describes common analysis services operational tasks.

Lessons

- Configuring an analysis services server
- Tuning an analysis services server
- Analysis services security
- Analysis services high availability and disaster recovery

Lab : Configuring analysis services

After completing this module, you will be able to:

- Configure the analysis services server
- Tune the analysis services server
- Describe the analysis services security
- Implement analysis services high-availability and disaster recovery

Module 4: Supporting Analysis Services

This module introduces PowerPivot for SharePoint server.

Lessons

- Testing analysis services cubes
- Tuning analysis services
- Maintaining analysis services

Lab : Supporting Analysis Services

After completing this module, you will be able to:

- Test analysis services
- Tune analysis services
- Maintain analysis services

Module 5: Operate and Support Reporting services

This module introduces users to Power Query. They will use this more in subsequent modules.

Lessons

- Installing a native mode report server



- Installing reporting services with SharePoint
- Reporting services with Microsoft Azure virtual machines
- Reporting services errors

Lab : Installing reporting services

After completing this module, you will be able to:

- Install a native mode reporting server
- Install reporting services with SharePoint
- Implement reporting services with Microsoft Azure virtual machines
- Describe reporting services errors

Module 6: Share PowerPivot Workbooks in SharePoint Server

This module introduces PowerPivot for SharePoint.

Lessons

- PowerPivot for SharePoint
- Install and configure PowerPivot for SharePoint

Lab : Install PowerPivot for SharePoint

After completing this module, you will be able to:

- Describe the capabilities of PowerPivot for SharePoint
- Install and Configure PowerPivot for SharePoint

Module 7: Operate and Support Power BI

This module introduces Windows Azure HDInsight.

Lessons

- Power BI desktop
- PowerBI.Com
- Mobile Power BI

Lab : Using Power BI

After completing this module, you will be able to:

- Install and Configure Power BI desktop
- Implement Power BI dashboards



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- Describe mobile power BI



To register or for more information call our office **(208) 898-9036** or email register@leapfoxlearning.com



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