

MOC 55157 A SharePoint 2016 Business Intelligence

Course Summary

Description

This course covers the services and features in SharePoint that offer support for Business Intelligence scenarios.

Objectives

At the end of this course, students will be able to:

- Learn to configure SharePoint sites for business intelligence
- Learn to configure and use SharePoint Excel Services
- Learn to configure and use SharePoint Visio Services
- Learn to configure and use the PowerPivot add-on for SharePoint
- Learn to configure and use Power View in SharePoint
- Learn to configure and use the PowerPivot add-on for SharePoint
- Learn to configure and use the Reporting Services add-on for SharePoint
- Learn to configure and use PerformancePoint in SharePoint
- Learn the basics of Power BI and how it fits with SharePoint

Topics

- Overview of SharePoint Business Intelligence Services and Features
- Configuring SharePoint Sites for Business Intelligence
- Excel Services in SharePoint
- Visio Services in SharePoint
- SharePoint PowerPivot Add-on
- SharePoint Power View Feature
- SQL Reporting Services Add-on for SharePoint
- SharePoint PerformancePoint Services
- Power BI

Audience

This course is intended for information workers and business intelligence analysts who have a minimum of three months experience using SharePoint sites, lists, and libraries and have basic Web navigation skills.

Prerequisites

- Before taking this course, students should have:
- Basic knowledge of SharePoint navigation and functionality.
- Basic knowledge of data modeling would be helpful but not required for students in this course.

Duration

Three days

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Course Outline

I. *Overview of SharePoint Business Intelligence Services and Features*

This module provides an overview of SharePoint Business Intelligence Services and features.

- A. SharePoint BI Services
- B. SharePoint BI Features

II. *Configuring SharePoint Sites for Business Intelligence*

This module explains how to configure an existing team site for BI.

- A. SharePoint Business Intelligence Site Template
 - B. Configuring an Existing SharePoint Team Site for Business Intelligence
- Lab : Configuring SharePoint Team Site for Business Intelligence
- Configuring SharePoint Team Site for Business Intelligence

III. *Excel Services in SharePoint*

This module explains how to use Excel Services.

- A. Viewing Excel Spreadsheets with SharePoint Excel Services
- B. Using SharePoint Excel Services Web Part
- C. Basic Excel Services Farm Configuration Options
- D. Refreshing Data Sources with SharePoint Excel Services

Lab : Configuring Excel Services Farm Options

- Configuring Excel Services Farm Options

Lab : Refreshing Data with Excel Services

- Refreshing Data with Excel Services

IV. *Visio Services in SharePoint*

This module explains how to use Visio Services.

- A. Configuring Visio Services Farm Settings
- B. View Visio Drawings with SharePoint Visio Services

- C. Attaching Data to Visio Drawings

Lab : Using SharePoint Visio Services

- Using SharePoint Visio Services

V. *SharePoint PowerPivot Add-on*

This module explains how to work with PowerPivot Models, Farm Settings, and Gallery.

- A. Overview of PowerPivot Data Models
- B. Configuring PowerPivot Farm Settings
- C. Creating a PowerPivot Gallery
- D. PowerPivot Data Refresh Options

Lab : Configuring PowerPivot for SharePoint

- Configuring PowerPivot for SharePoint

Lab : Refreshing Data from a PowerPivot Gallery

- Refreshing Data from a PowerPivot Gallery

VI. *SharePoint Power View Feature*

This module explains how to work with Power View.

- A. Overview of Power View in SharePoint
- B. Configuring Data Sources for Power View Reports
- C. Creating Power View Reports

Lab : Creating a Report with Power View

- Creating a Report with Power View

VII. *SQL Reporting Services Add-on for SharePoint*

This module explains how to work with Reporting Services for SharePoint.

- A. Configuring Reporting Services Farm Settings
- B. Configuring a SharePoint Library for Reporting Services Reports
- C. Reporting Services Subscriptions and Alerts
- D. Report Viewer Web Part

Lab : Adding Reporting Services Reports to a SharePoint Library

- Adding Reporting Services Reports to a SharePoint Library

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Course Outline (cont.)

Lab : Configuring Subscriptions and Alerts to Reports

- Configuring Subscriptions and Alerts to Reports

VIII. *SharePoint PerformancePoint Services*

This module explains how to work with PerformancePoint Services.

- Overview of PerformancePoint Services
- Configuring SharePoint Lists and Libraries for PerformancePoint
- Creating a Data Source
- Creating a Score Card and KPI
- Creating PerformancePoint Charts and Graphs
- Creating PerformancePoint Dashboards

Lab : Configuring a SharePoint Site for PerformancePoint

- Configuring a SharePoint Site for PerformancePoint

Lab : Create a PerformancePoint Dashboard

- Create a PerformancePoint Dashboard