

Microsoft - SharePoint 2016 Business Intelligence

Code:	55157
Length:	3 days
URL:	View Online

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

Skills Gained

- 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

Who Can Benefit

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

- Basic knowledge of SharePoint navigation and functionality.
- Basic knowledge of data modeling would be helpful but not required for students in this course.

Course Details

Outline

Module 1: Overview of SharePoint Business Intelligence Services and Features

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

Lessons

- SharePoint BI Services
- SharePoint BI Features

Lab 1: None

- None

After completing this module, students will be able to:

- Understand what services and features are offered.

Module 2: Configuring SharePoint Sites for Business Intelligence

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

Lessons

- SharePoint Business Intelligence Site Template
- Configuring an Existing SharePoint Team Site for Business Intelligence

Lab 1: Configuring SharePoint Team Site for Business Intelligence

- Configuring SharePoint Team Site for Business Intelligence

After completing this module, students will be able to:

- Configure an existing SharePoint Team Site for Business Intelligence.

Module 3: Excel Services in SharePoint

This module explains how to use Excel Services.

Lessons

- Viewing Excel Spreadsheets with SharePoint Excel Services
- Using SharePoint Excel Services Web Part
- Basic Excel Services Farm Configuration Options
- Refreshing Data Sources with SharePoint Excel Services

Lab 1: Configuring Excel Services Farm Options

- Configuring Excel Services Farm Options

Lab 2: Refreshing Data with Excel Services

- Refreshing Data with Excel Services

After completing this module, students will be able to:

- View Excel sheet with SharePoint Excel Services.
- Use Excel Services Web Part.
- Configure basic Excel services.
- Refresh data sources.

Module 4: Visio Services in SharePoint

This module explains how to use Visio Services.

Lessons

- Configuring Visio Services Farm Settings
- View Visio Drawings with SharePoint Visio Services
- Attaching Data to Visio Drawings

Lab 1: Using SharePoint Visio Services

- Using SharePoint Visio Services

After completing this module, students will be able to:

- Configure Visio services.
- View Visio drawings.
- Attach data to drawings.

Module 5: SharePoint PowerPivot Add-on

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

Lessons

- Overview of PowerPivot Data Models
- Configuring PowerPivot Farm Settings
- Creating a PowerPivot Gallery
- PowerPivot Data Refresh Options

Lab 1: Configuring PowerPivot for SharePoint

- Configuring PowerPivot for SharePoint

Lab 2: Refreshing Data from a PowerPivot Gallery

- Refreshing Data from a PowerPivot Gallery

After completing this module, students will be able to:

- Configure PowerPivot Farm settings.
- Create a PowerPivot Gallery.
- Use data refresh options.

Module 6: SharePoint Power View Feature

This module explains how to work with Power View.

Lessons

- Overview of Power View in SharePoint
- Configuring Data Sources for Power View Reports
- Creating Power View Reports

Lab 1: Creating a Report with Power View

- Creating a Report with Power View

After completing this module, students will be able to:

- Configure data sources.
- Create Power View reports.

Module 7: SQL Reporting Services Add-on for SharePoint

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

Lessons

- Configuring Reporting Services Farm Settings
- Configuring a SharePoint Library for Reporting Services Reports
- Reporting Services Subscriptions and Alerts

- Report Viewer Web Part

Lab 1: Adding Reporting Services Reports to a SharePoint Library

- Adding Reporting Services Reports to a SharePoint Library

Lab 2: Configuring Subscriptions and Alerts to Reports

- Configuring Subscriptions and Alerts to Reports

After completing this module, students will be able to:

- Configure Reporting Services Farm Settings.
- Configure a SharePoint Library.
- Work with subscriptions and alerts.
- Work with Viewer Web Part.

Module 8: SharePoint PerformancePoint Services

This module explains how to work with PerformancePoint Services.

Lessons

- 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 1: Configuring a SharePoint Site for PerformancePoint

- Configuring a SharePoint Site for PerformancePoint

Lab 2: Create a PerformancePoint Dashboard

- Create a PerformancePoint Dashboard

After completing this module, students will be able to:

- Configure lists and libraries for PerformancePoint.
- Create a data source.
- Create a score card and KPI.
- Create PerformancePoint charts and graphs.

Module 9: Power BI

This module explains how work with Power BI.

Lessons

- Overview of Power BI
- How Power BI fits with SharePoint

Lab 1: Working with Power BI

- Working with Power BI

After completing this module, students will be able to:

- Work with Power BI.
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