

## 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'd)

#### 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.

- A. Overview of PerformancePoint Services
- B. Configuring SharePoint Lists and Libraries for PerformancePoint
- C. Creating a Data Source
- D. Creating a Score Card and KPI
- E. Creating PerformancePoint Charts and Graphs
- F. 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

#### IX. Power BI

This module explains how work with Power BI.

- A. Overview of Power BI
- B. How Power BI fits with SharePoint

#### Lab : Working with Power BI

- Working with Power BI