

Microsoft - PowerPivot, Power View and SharePoint 2013 Business Intelligence Center for Analysts

Code:	55049
Length:	2 days
URL:	View Online

This two-day instructor-led course concentrates on PowerPivot and Power View in Excel 2013. The attendees will learn how to surface the workbooks and visualizations using the Business Intelligence Center in SharePoint 2013. As far as possible each of the modules is stand-alone allowing for customization of the course for those audiences that may not have an interest in a certain service.

Skills Gained

- Use PowerPivot 2013 in Excel.
- Work with DAX.
- Create Power View visualizations.
- Understand data models.
- Save to SharePoint.
- Surface on SharePoint.
- Work with the SharePoint Business Intelligence Center.
- Create dedicated apps in SharePoint for PowerPivot and Power View.
- Use PowerPivot within Excel to import a table from SQL Server.
- Use PowerPivot within Excel to import a table from SQL Server Analysis Services.
- Hide columns they don't want reflected in the resulting PivotTable.
- View the relationships existing within the imported tables from SQL Server and then import an additional table and configure a relationship between it and the existing.
- Create a PivotTable within an existing worksheet.
- Navigate and successfully use Power View.
- Create a table.
- Create a chart.
- Save and share their work.
- Create a BI semantic model.
- Explore the options and settings available within the new SharePoint 2013 Central Administration and Excel Services.
- Access and review the Secure Store.
- Create a new web application and business intelligence site while exploring the features of both.
- Create custom apps to store visualizations and/or workbooks in SharePoint 2013 Business Intelligence Center.

Who Can Benefit

This course is intended for analysts, business intelligence (BI) developers and IT professionals that will be involved with the design, development, and maintenance of Excel workbooks utilizing PowerPivot and Power View 2013 to be surfaced on SharePoint.

Prerequisites

Experience with Excel 2007 or higher.

An understanding of PivotTables.

Course Details

Outline

Module 1: Course Overview

This module explains how the class will be structured and introduces course materials and additional administrative information.

Lessons

Introduction

Course Materials

Facilities

Prerequisites

What We'll Be Discussing

Lab 1: Course Overview

After completing this module, students will be able to: Successfully log into their virtual machine.

Have a full understanding of what the course intends to cover.

Module 2: PowerPivot

In this module we will explore PowerPivot and its analytical capabilities. PowerPivot is a data analysis add-on for Microsoft Excel that allows large amounts of data to be collected, aggregated, and analyzed in one workbook. Sound powerful? It is! We'll cover everything you need to know to get you up, running, and analyzing.

Lessons

What is a data model?

PowerPivot and Excel

New 2013 PowerPivot Features

PowerPivot and SharePoint

Enterprise Business Intelligence and PowerPivot

Enriching Data

Importing Data

Refreshing Data

Formatting Data

Sorting and Filtering

Creating Relationships

Calculations

SharePoint Sharing

Lab 1: PowerPivot

Import Data from SQL Server

Import Data from SQL Server Analysis Services

Hide Unused Columns

Review and Edit the Imported Relationships

Create a PivotTable

After completing this module, students will be able to: Use PowerPivot within Excel to import a table from SQL Server.

Use PowerPivot within Excel to import a table from SQL Server Analysis Services.

Hide columns they don't want reflected in the resulting PivotTable.

View the relationships existing within the imported tables from SQL Server and then import an additional table and configure a relationship between it and the existing.

Create a PivotTable within an existing worksheet.

Module 3: Power View

In this module we will cover Power View and the reporting that can be created. From tables to charts and sharing on SharePoint, this module will have you ready to visualize your data in a variety of ways.

Lessons

New 2013 Power View Features
Microsoft Power View User Interface
Tables
Charts
Saving and Sharing
BI Semantic Models

Lab 1: Power View

Create a Table
Create a Chart
Saving and Sharing
Create a BI Semantic Model

After completing this module, students will be able to: Navigate and successfully use Power View.

Create a table.
Create a chart.
Save and share their work.
Create a BI semantic model.

Module 4: SharePoint 2013 Business Intelligence Center

In this module, we will explore the new and improved 2013 SharePoint Central Administration site. We are going to cover specifically the new 2013 Business Intelligence Center template within SharePoint. Permissions and roles will be addressed and the included library and list apps will be explained.

Lessons

New 2013 SharePoint Central Administration
New 2013 Business Intelligence Center
Permissions and Roles
Included Document Library and List Apps
Create Custom Apps (Libraries) for Visualizations or Workbooks
Create Custom Connection Apps (Libraries)
Set Policies for Excel Services

Lab 1: SharePoint 2013 Business Intelligence Center

SharePoint 2013 Central Administration Excel Services

View the Secure Store

SharePoint 2013 Business Intelligence Center Create Apps

After completing this module, students will be able to: Explore the options and settings available within the new SharePoint 2013 Central Administration and Excel Services.

Access and review the Secure Store.

Create a new web application and business intelligence site while exploring the features of both.

Create custom apps to store visualizations and/or workbooks in SharePoint 2013 Business Intelligence Center.