POWER BI ESSENTIAL TRAINING

You can discover how to quickly glean insights from your data using Power BI. This formidable set of business analytics tools—which includes the Power BI service, Power BI Desktop, and Power BI Mobile—can help you more effectively create and share impactful visualizations with others in your organization. In this course, Gini von Courter helps you get started with this powerful toolset. Gini begins by covering the web-based Power BI service, explaining how to import data, create visualizations, and arrange those visualizations into reports. She discusses how to pin visualizations to dashboards for sharing, as well as how to ask questions about your data with Power BI Q&A. She also provides coverage of Power BI Mobile and shows how to use the data modeling capabilities in Power BI Desktop.

Learning objectives

1. Apply the required hardware to successfully run Power BI.
2. Distinguish between different data types in Power BI.
3. Correlate the similarities between visualizations in Power BI.
4. Identify the outcomes when changes are made within Power BI and Power BI Desktop.
5. Differentiate between dashboards and reports within Power BI.
6. Determine user roles within a workspace in Power BI.
7. Manage workspaces and tools within the Power BI mobile application.

INTRODUCTION

1. Create Rich, Interactive reports with POWER BI.
2. What you need for the course.

Getting Started with Power BI

1. Overview to Concept
2. How to sign up for power BI
3. Navigation in Power BI Services

Navigation is the process of moving between pages in a Power BI report. There are a variety of ways to accomplish this, with some being more useful than others depending on the situation. All of them generally involve an Action on either a Button, Shapes, or Image. You can also use drill throughs !

Getting Data

1. Power BI Data Sources
2. Get existing Content
3. Creating Refreshable Data File
4. Uploading a CSV File

5. Uploading an Excel Workbook
6. How to create a Dataset
7. Connect the sample Data

Creating a Report with Visualization

1. Visualization
2. Using Visualization
3. Create a New Report
4. Create and arrange Visualization
5. Format a Visualization
6. Create chart visualization
7. How to use text,Map and Gauge
8. How to use a slicer to filter visualization
9. Using Sort,Copy,and paste Visualizations
10. Download and use a custom visual from gallery

Modify and Print a Report

1. Manage report Pages
2. Add a filter to a page or report
3. Set Visualization Interaction
4. Print a report page
5. Export to a powerpoint or PDF

Creating Dashboard

1. Create and Manage Dashboards
2. Pin a report tile to a dashboard
3. Pin a live report page to a dashboard
4. Pin a tile from another dashboard
5. Add a tile from another dashboard
6. Add a comment or alert to a tile
7. Subscribe to a dashboard or report
8. Build a dashboard with Quick Insight
9. Create Mobile View
10. Set a featured (Default) Dashboard

Asking Questions to the Data

1. Questioning using Power BI Q&A
2. Tweaking the dataset for Q&A

How to share data with colleagues and others

1. Sharing reports and Dashboard
2. Publish a report to web
3. Manage published reporting
4. Embed a report in Sharepoint Online
5. Share a dashboard or report
6. Create a workspace for collaboration
7. Add users to a workspace

8. Use a Workspace
9. Publish an app
10. Creating a QR code to share a tile

Using Power BI Mobile Apps

1. Get Power BI Mobile
2. View reports and dashboards on a mobile device
3. Use workspace in the mobile app
4. Manage Sharing from Power BI Mobile
5. Present data using the Window app

Using Power BI Desktop

1. Install and launch Power BI Desktop
2. Getting Data
3. Reduce Data
4. Transform Data
5. Relate Tables
6. Get data with Power BI Service
7. Export a report from Power BI Service