



USA Staffing

Reporting & Analytics

Power BI Self-Guided Learning Resources

Created by the OPM Federal Staffing Center

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What is Power BI?

What's Covered:

- History
- Cloud Platform
- Data Sources
- Power Query
- Modeling
- Visuals
- Publishing
- Licensing
- Embedding
- Sharing
- Workspace vs App
- Work with Reports



Select the YouTube link below to view the training video created by
"Guy in a Cube" that covers

"What is Power BI?" (2021) (8 min)

<https://youtu.be/Vqz2d7pTOV8>



Power BI for Report Consumers and End Users

What's Covered:

- What is Power BI?
- Apps Overview
- Workspace Overview
- Dashboards
- Reports
- Shared with me
- Recent favorites



Select the YouTube link below to view the training video created by
"Guy in a Cube" that covers

"Power BI for Report Consumers and End Users" (2021) (6 min)

<https://youtu.be/cZsQj1WFkGE>



Using Power BI Reports from an End User Perspective

What's Covered:

- Getting to the report
- Exploring the report
- Additional options
- Revert to original view



Select the YouTube link below to view the training video created by "Guy in a Cube" that covers

"Using Power BI Reports from an End User Perspective" (2021) (11 min)

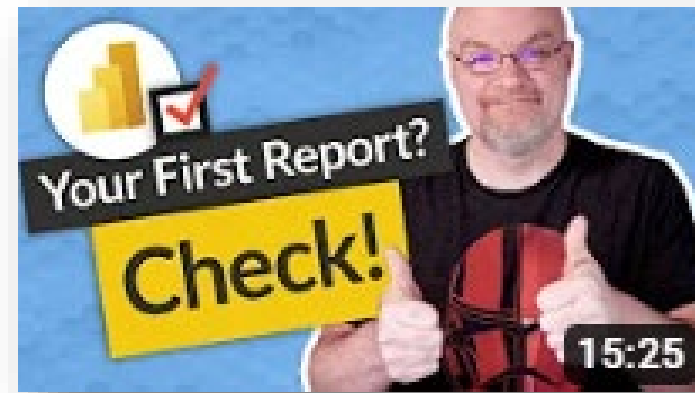
<https://youtu.be/TAsUb93r2tg>



Create Your First Power BI Report

What's Covered:

- Getting Data
- Transforming Data
- Power Query
- Data Model
- Model View
 - Star Schema
 - Dimensions, etc.
- Measures & Calculations (DAX)
- Adding Visuals
- Publishing



Select the YouTube link below to view the training video created by "Guy in a Cube" that covers how to

"Create Your First Power BI Report" (2021) (15 min)

https://youtu.be/B_bAKrXAUh0



Power BI Slicers vs the Filter Pane

What's Covered:

- Creating Slicers
 - Format & Edit Interactions
 - Sync Slicers
 - Slicer Panel
- Creating Filters
 - Applying to specific page, all pages, or specific visuals



Select the YouTube link below to view the training video created by "Guy in a Cube" that covers

"Power BI Slicers vs the Filter Pane" (2021) (10 min)

<https://youtu.be/NA2wlqfjX34>



Everything You Wanted to Know about Power BI Tooltips

What's Covered:

- Tooltips display exact data when hovering over visuals
- Creating Tooltips
 - Turning On & Off
 - Performance Analyzer
- Creating Report Tooltips
 - Building a Tooltip page
 - Type of Tooltip: Report Page
- Visual Header Tooltip



Select the YouTube link below to view the training video created by "Guy in a Cube" that covers
"Everything You Wanted to Know about Power BI Tooltips" (2020) (11 min)

<https://youtu.be/z1Z1axRSMzM>



How to Learn DAX

What's Covered:

- Simulate the Data
- Query Builder
- Summarize Columns



Select the YouTube link below to view the training video created by "Guy in a Cube" that covers

"How to Learn DAX" (2021) (14 min)

<https://youtu.be/hbJA6EYHq1Y>



Get Started with Power BI Learning Path from Microsoft

Recommended for Power BI Report Consumers new to Power BI

Learning Path Modules:

- Introduction to Power BI (46 min)
<https://learn.microsoft.com/en-us/training/modules/introduction-power-bi/>
- Explore what Power BI can do for you (1 hr 9 min)
<https://learn.microsoft.com/en-us/training/modules/explore-power-bi-service/>
- Getting started building with Power BI (40 min)
<https://learn.microsoft.com/en-us/training/modules/get-started-with-power-bi/>



Create and Use Analytics Reports with Power BI

Learning Path from Microsoft

Recommended for Power BI Report Developers new to Power BI

Learning Path Modules:

- Get started building with Power BI (40 min)
<https://learn.microsoft.com/en-us/training/modules/get-started-with-power-bi/>
- Get data with Power BI Desktop (1 hr 15 min)
<https://learn.microsoft.com/en-us/training/modules/get-data-power-bi/>
- Model data in Power BI (1 hr 7 min)
<https://learn.microsoft.com/en-us/training/modules/model-data-power-bi/>
- Use Visuals in Power BI (1 hr 16 min)
<https://learn.microsoft.com/en-us/training/modules/visuals-in-power-bi/>
- Explore data in Power BI (53 min)
<https://learn.microsoft.com/en-us/training/modules/explore-data-power-bi/>
- Publish and share in Power BI (1 hr 4 min)
<https://learn.microsoft.com/en-us/training/modules/publish-share-power-bi/>



Use DAX in Power BI Desktop Learning Path from Microsoft

Recommended for Power BI Report Developers new to Power BI

Learning Path Modules:

- Describe Power BI Desktop models (29 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-models/>
- Write DAX formulas for Power BI Desktop models (27 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-write-formulas/>
- Add calculated tables and columns to Power BI Desktop models (19 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-add-calculated-tables/>
- Add measures to Power BI Desktop models (13 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-add-measures/>
- Use DAX iterator functions in Power BI Desktop models (12 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-iterator-functions/>
- Modify DAX filter context in Power BI Desktop models (37 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-modify-filter/>
- Use DAX time intelligence functions in Power BI Desktop models (19 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-time-intelligence/>
- Add DAX calculation groups to Power BI Desktop models (40 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-calculation-groups/>
- Use DAX in Power BI Desktop to solve business problems (35 min)
<https://learn.microsoft.com/en-us/training/modules/dax-power-bi-solve-problems/>



Other Power BI Training Modules from Microsoft

Recommended for Power BI Report Developers

- Analyze Data with Power BI (1 hr)
<https://learn.microsoft.com/en-us/training/modules/analyze-data-power-bi/>
- Explore Fundamentals of Data Visualization (38 min)
<https://learn.microsoft.com/en-us/training/modules/explore-fundamentals-data-visualization/>