



What is Power BI Developer Mode?


October 23rd, 2025

About Me

Experience

- 12+ years with Microsoft BI stack
- 9+ years with PowerPivot/Power BI
- 6+ years with Azure DevOps

Contact Me

 [John Kerski](#)

 [Blog](#)

Credentials

- MCSE: Productivity
- MS: PBI Data Analyst
- PMP



John Kerski



Slides:



























Agenda

- The Before Times
- Developer Mode
 - Foundation
 - Accelerators
 - Orchestrators
 - Extenders



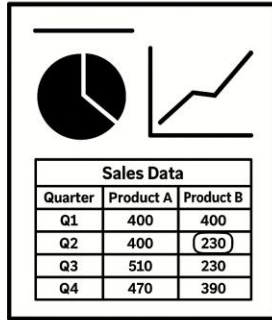
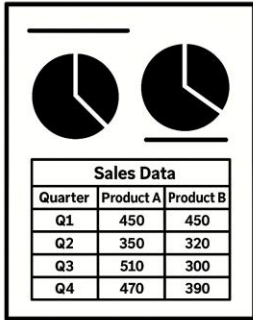
The Before Times

- | | |
|--|--|
|  Executive Dashboard (26).pbix |  Executive Dashboard (5).pbix |
|  Executive Dashboard (25).pbix |  Executive Dashboard (4).pbix |
|  Executive Dashboard (24).pbix |  Executive Dashboard (3).pbix |
|  Executive Dashboard (23).pbix |  Executive Dashboard (2).pbix |
|  Executive Dashboard (22).pbix |  Executive Dashboard (1).pbix |
|  Executive Dashboard (21).pbix |  Executive Dashboard.pbix |
|  Executive Dashboard (20).pbix |  Executive Dashboard (30).pbix |
|  Executive Dashboard (19).pbix |  Executive Dashboard (30) - Copy.pbix |
|  Executive Dashboard (18).pbix |  Executive Dashboard (30) - Copy (1).pbix |
|  Executive Dashboard (17).pbix |  Executive Dashboard (30) - backup.pbix |
|  Executive Dashboard (16).pbix |  Executive Dashboard (20) - backup.pbix |
|  Executive Dashboard - real copy.pbix |  Executive Dashboard (5) - proposal.pbix |

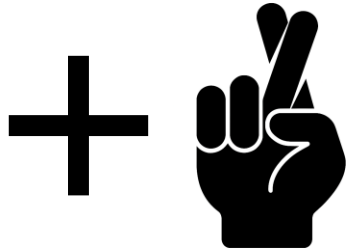


The Before Times (cont.)

CAN YOU SPOT THE DIFFERENCES?



You can't **easily** tell what changed



I hope something I changed didn't break something!



Let's test just to be sure

Power BI Developer Mode!



Rui Romano

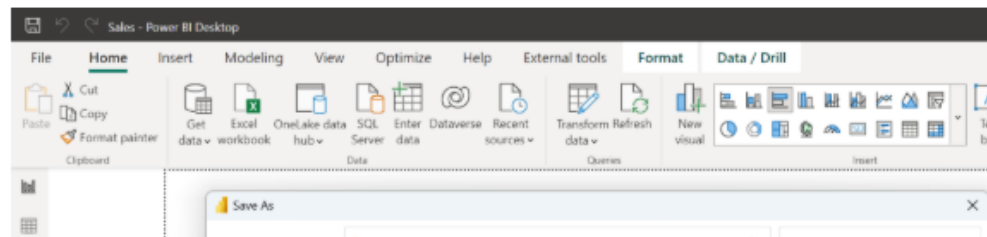
Principal Program Manager

June 15, 2023

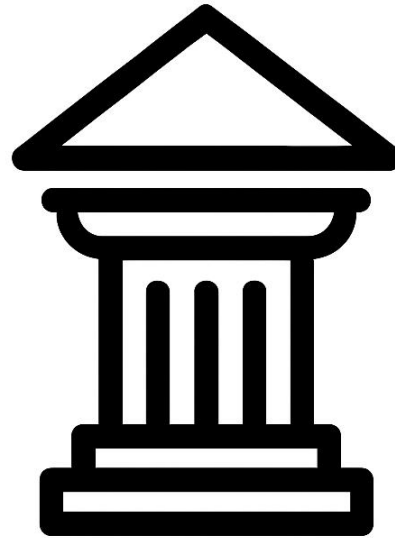


Power BI customers demand enterprise BI solutions that scale to all users across the largest organizations. This depends on enabling team collaboration and automation of deployments across development, test, and production environments to meet the needs of mission-critical BI systems. We are thrilled to announce the public preview of **Power BI Desktop Developer Mode**, taking advantage of Microsoft's deep heritage in enterprise BI, and bringing Pro BI developer experiences right into Power BI Desktop.

As the first feature of Developer Mode, Power BI Desktop now lets you save your work as a **Power BI Project (PBIP)**. When saving as a project, report and dataset artifact definitions are saved as individual plain text files in a simple, intuitive folder structure.



Foundation

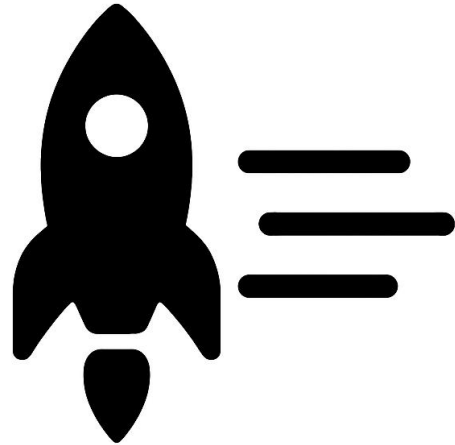


Power BI Project (PBIP)

- A file format with many formats
- Semantic Model/Dataset
 - Tabular Model Definition Language (TMDL)
- Power BI Report
 - Power BI Enhanced Report Format (PBIR)
- Others
 - .pbip
 - .platform
 - .gitignore



Accelerators



Acceleration Tools

- DAX Query View
- TMDL View



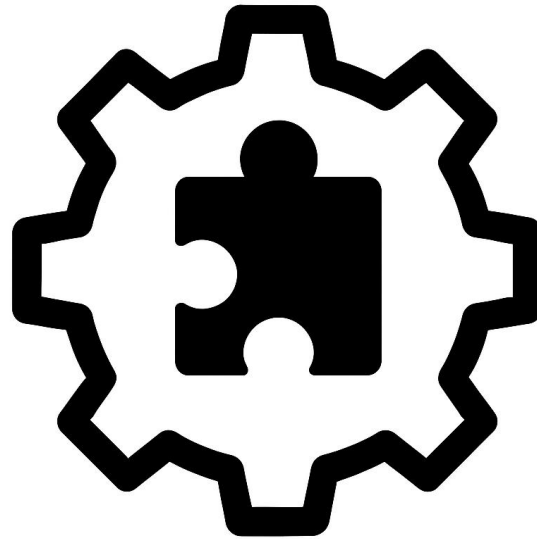
Orchestrators



Orchestration Tools

- Git Integration
- [Fabric APIs/CLI](#)

Extenders



Extensions

- GitHub Copilot
- Third-Party Tools
 - PBIR Inspector
- MCP

GitHub Copilot Prompt

You are an assistant to help Power Query developers comment their code. Please update each line of code by performing the following:

- 1) Insert a comment above the code explaining what that piece of code is doing.
- 2) Do not start the comment with the word Step or a number
- 3) Do not copy code into the comment.
- 4) Keep the comments to a maximum of 225 characters.

Please also update each line of code by performing the following:

- 1) Update the variable name explaining what that piece of code is doing.
- 2) The variable name should always start with a verb in the past tense.
- 3) The variable name should have spaces between words.
- 4) Please keep the variable to a maximum of 50 characters.
- 5) The variable name should be wrapped in double quotes and preceded by the '#'



Questions?



Links

- Microsoft Documentation
 - [Power BI Developer Solutions](#)
- Patterns
 - [Templates for weaving DataOps into Microsoft Fabric](#)
 - [DAX Query View Testing Pattern](#)
 - [Invoke-DQVTesting](#)
- Making Your Power BI Developers More Analytic
 - [Introduction](#)

