



# Power Query Lint

Enhancing M Code Performance and Quality

September 18, 2025

# About Me

## Experience

- 11+ years with Microsoft BI stack
- 8+ years with PowerPivot/Power BI
- 5+ years with Azure DevOps

## Contact Me

**in** [John Kerski](#)

 [Blog](#)

## Credentials

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



John Kerski



Slides:

# Agenda

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- The Challenge
- Power Query Lint
- Demo Time

# The Challenge – What Could Go Wrong?



**APPLIED STEPS**

- Source
- Removed Other Columns
- Split Column by Delimiter
- Changed Type1
- Added Custom
- Filtered Rows
- Sorted Rows
- Removed Columns
- Added Custom1
- Filtered Rows1
- Removed Duplicates
- Renamed Columns
- Added Custom2
- Expanded Dates
- Changed Type2
- Filter1stMonth
- Removed Columns1
- Added Index
- Reordered Columns
- Added Custom3
- Renamed Columns1
- Appended Query
- Sorted Rows1
- Replaced Value
- Added Custom4
- Added Custom5
- Changed Type

Buffer that Sort

Add some comments

Set the Type to Reduce Steps

## Manage Parameters

New WebURL

Name

WebURL

Description

Use:

<https://raw.githubusercontent.com/fivethirtyeight/data/master/comic-characters/marvel-wikia-data.csv>

☒ Required

Type

Any

Suggested Values

Any value

Current Value

<https://raw.githubusercontent.com/fivethirtyeight/data/m>

Won't be able to update in the service.

# The Challenge – Power Query Is Everywhere!

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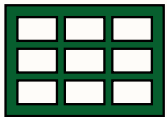
Power BI Semantic Models



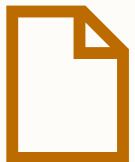
Dataflows Gen1/Gen2



Power Platform Dataflows



Excel/Power Pivot



Paginated Reports

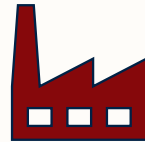
# The Challenge – Achieving DataOps

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## Quality is paramount

*Prevent newer Power BI team members from making your mistakes*




## Analytics is manufacturing

*Reduce the time it takes Power BI leaders time to review code*

# Power Query Lint – pqlint.com

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-  Linting – The process of automatically checking your code for potential issues and best practices.
- Free Tier



# Demo Time

Enhancing M Code Performance and Quality



# Questions?

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**PRO Version**  
**PQLINTSEP25**  
**1<sup>st</sup> Month Free**