

Welcome! We're glad you're here.

Teams LIVE Event – Dataflows for Government
8/26/2020 – 11:00 AM PST



Your mic has been muted.



Session WILL be recorded

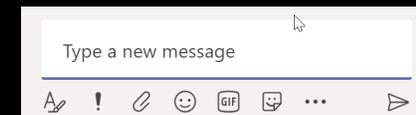
Housekeeping



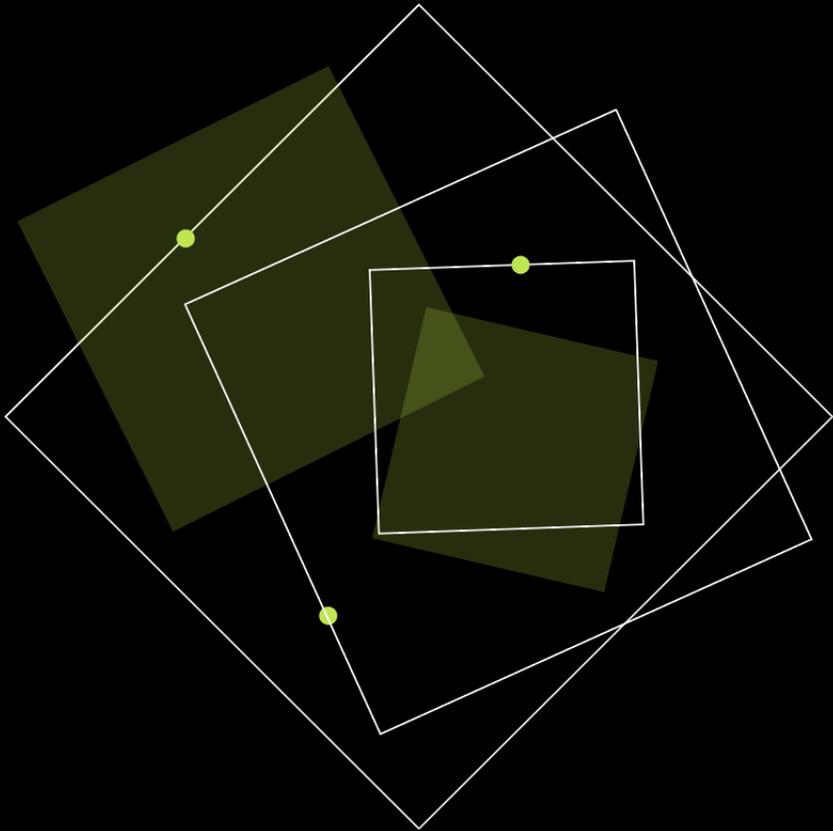
Presentation WILL be available
after LIVE event.



Audio/video is on ~20 sec delay



Ask questions via chat any time.
Moderators will respond in real-time.



WITH THE HELP OF THE MICROSOFT PLATFORM

P3 empowers companies to take decisive action and constantly improve.

We help you navigate the world of disparate and chaotic data by distilling it down to simple dashboards that help you solve problems, spot opportunities, and take action.

P3
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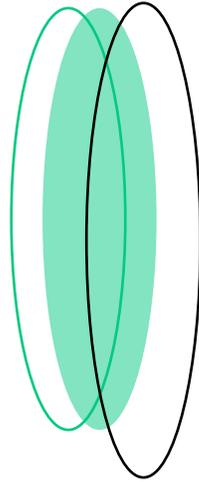
Gold
Microsoft Partner



WHO ARE WE

Your ideal partners for Power BI and the Power Platform.

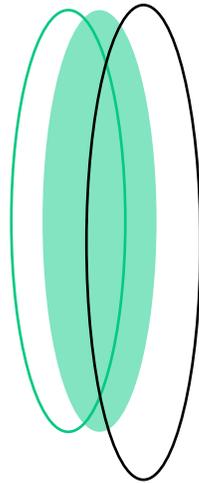
As a new wave of technology goes
mainstream, you need the right kind of
help.



Chris Haas
Principal Consultant

✉ chaas@powerpivotpro.com

[in](#) [Chris Haas](#)



Krissy Dyess
Director, Client Services

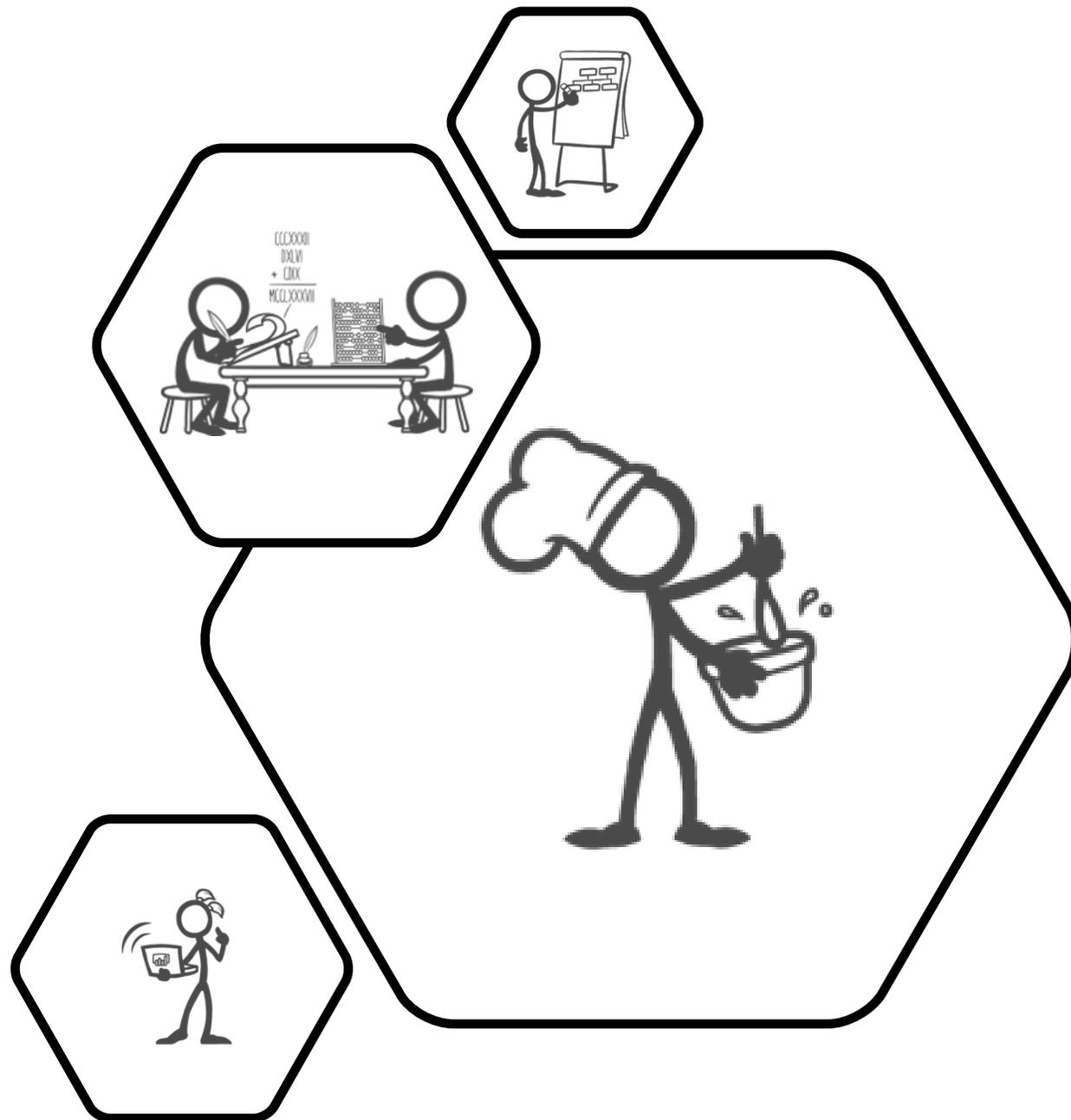
✉ kdyess@powerpivotpro.com

[in](#) [Krissy Dyess](#)

AGENDA

Let's talk about Dataflows!

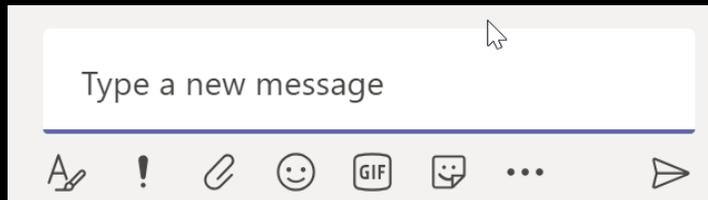
- What is a Dataflow?
- How can Dataflows help me?
- Show me real Dataflows!
Even better, we'll show you three 😊
- Let me ask questions.



BUT FIRST, A QUICK POLL

Type “YES” in the chat box if any of these sound familiar...

We’ll be honest, we’ve been there too.



“The latest data came in; we’re just waiting for Andy to update the formulas and run his macro before we share the report.”



“Your numbers look different than what I presented. Where did you get your data from?”

“I swear, I have to rebuild the same thing over and over every time my boss wants to see something *slightly* different...”





GOOD NEWS:

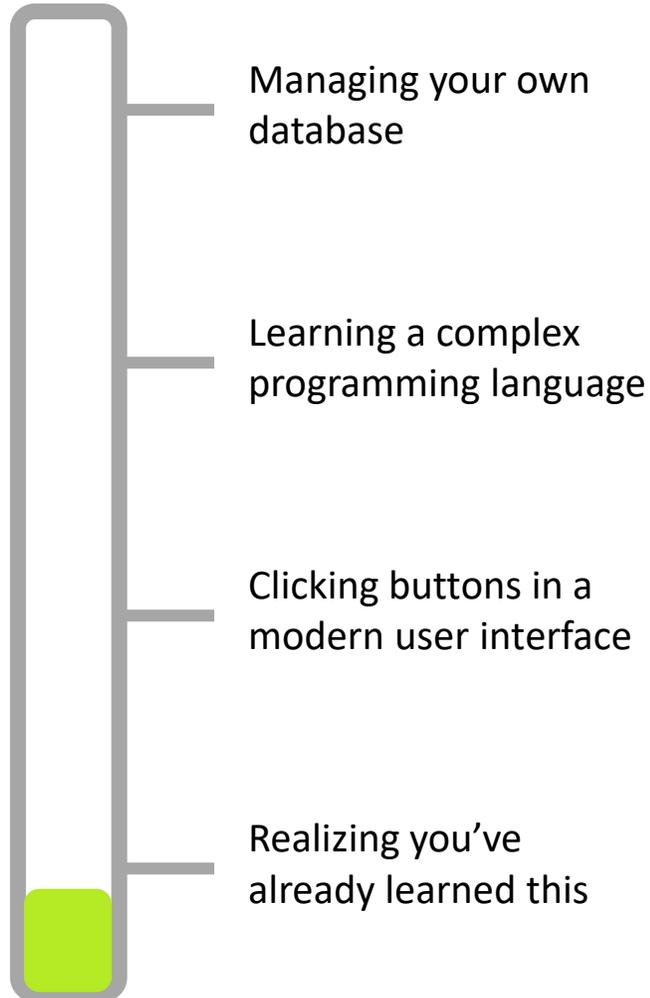
Dataflows solve ALL of these problems!

Reusable data tables...
...that are analysis-ready...
...and refresh automatically

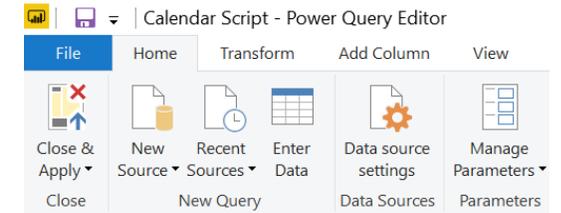
GREAT NEWS:

Using Dataflows is easier than you think

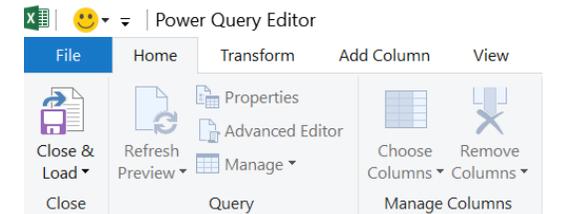
How easy?



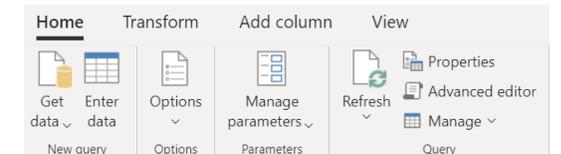
Power BI



Excel



Dataflows





WHAT IS A DATAFLOW?

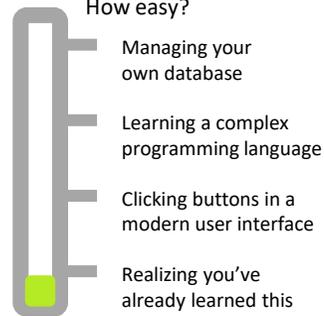
YOUR data, wherever it comes from.
YOUR logic, used to shape and
augment it.
YOUR'S to share. Everyone can use it.

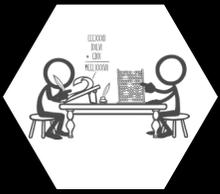
A dataflow is a table...
Stored in the cloud...
And it's reusable...

*a book
in a library
accessible to all*

See? Easy!

But let's keep it here...





HOW CAN DATAFLOWS HELP ME?

It's YOUR data... own it

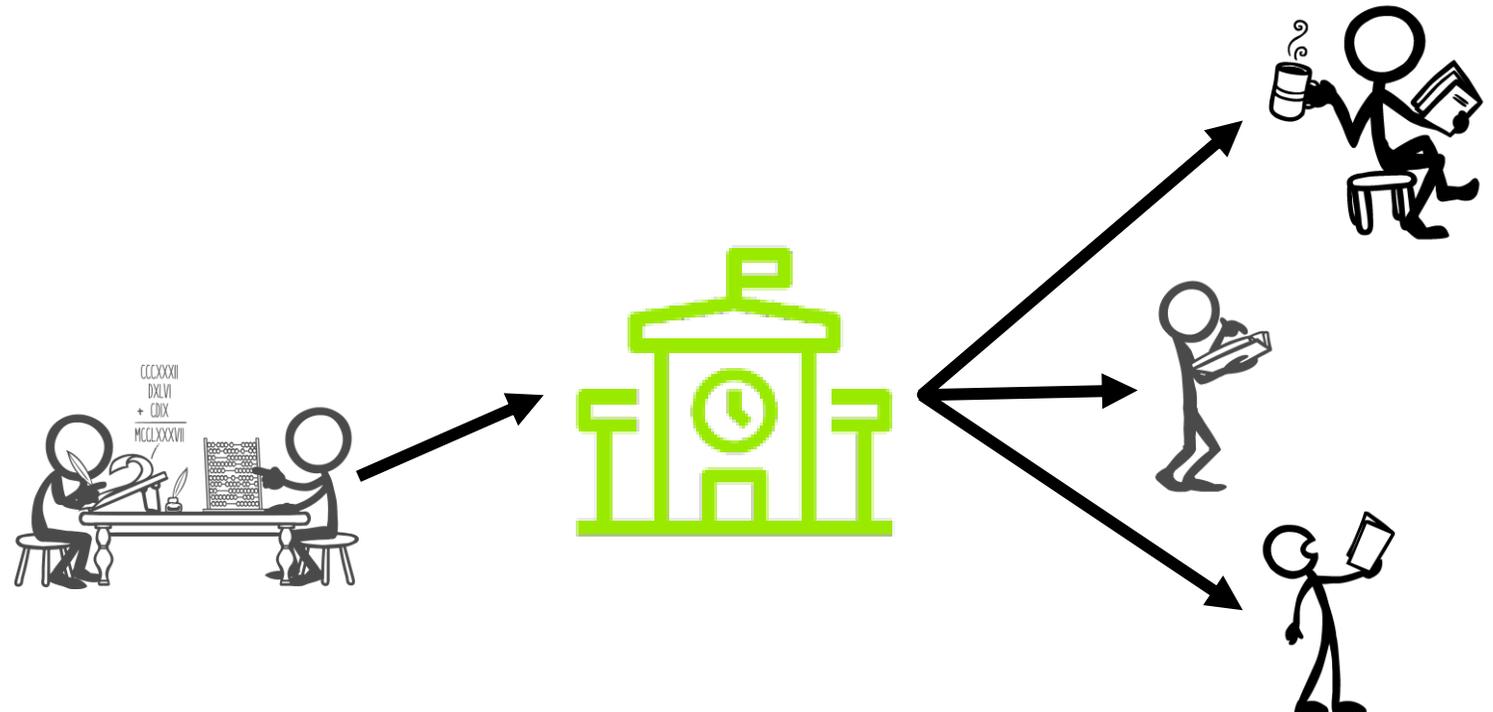
Let's keep the library analogy going...

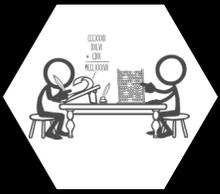
Build and maintain tables in a single place...

Establish a single source of truth for analysts to go and acquire data...

...write the book once

...a library of available books



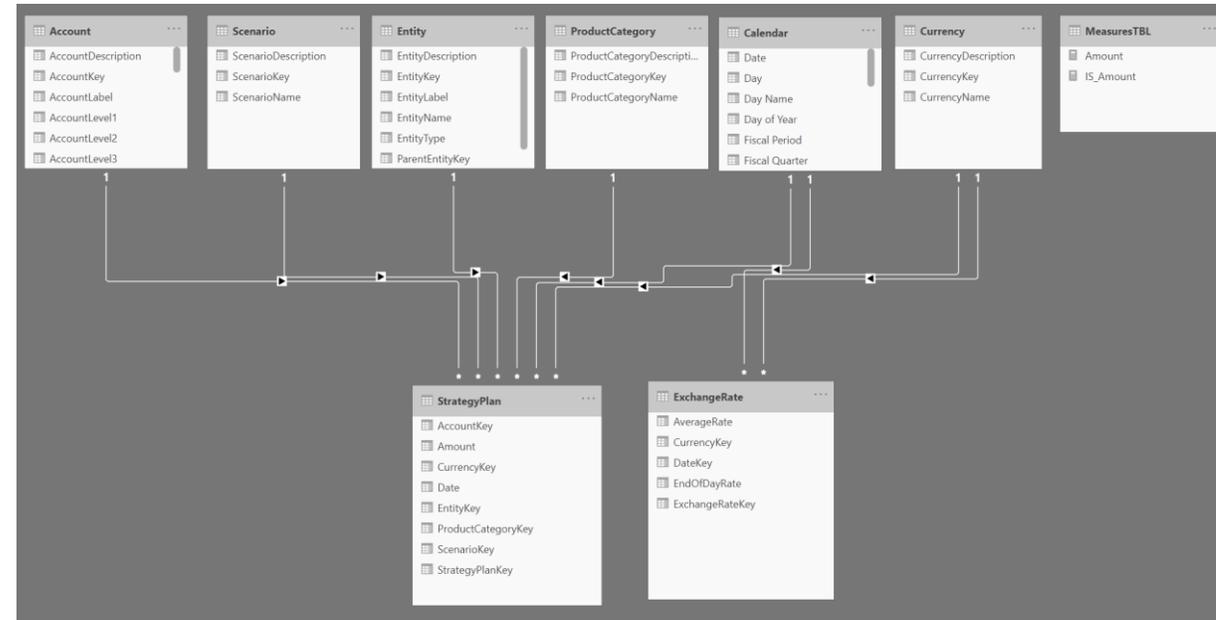
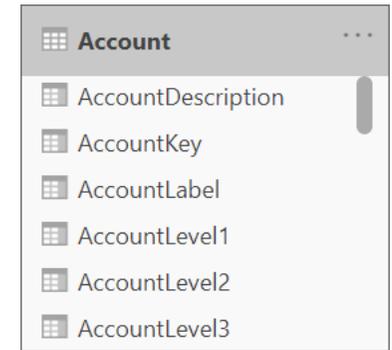


HOW CAN DATAFLOWS HELP ME?

How is this different than a
“Dataset”??

Good question.
Remember the Treasure Map Kit?

A Dataflow is a single table.
You use it to build a new model.
(A book about buried treasure)



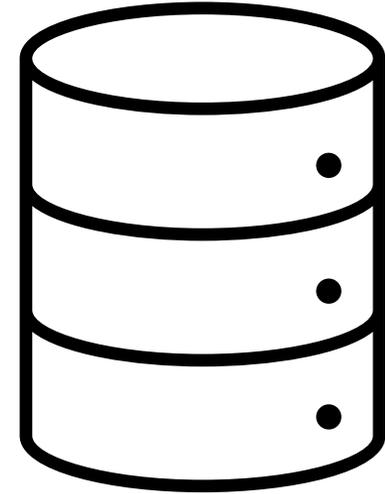
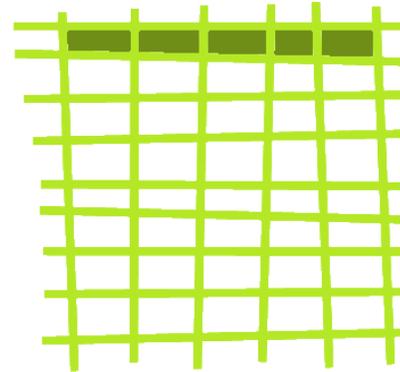
A Dataset is an **entire model** with multiple tables, relationships & DAX measures. You use it to build new visuals.
(The kit with the shovel, metal detector & treasure map)



USE CASES AND DEMOS

Demo 1: Create a Dataflow by connecting to a table in a database

This happens fast, blink and you might miss it.

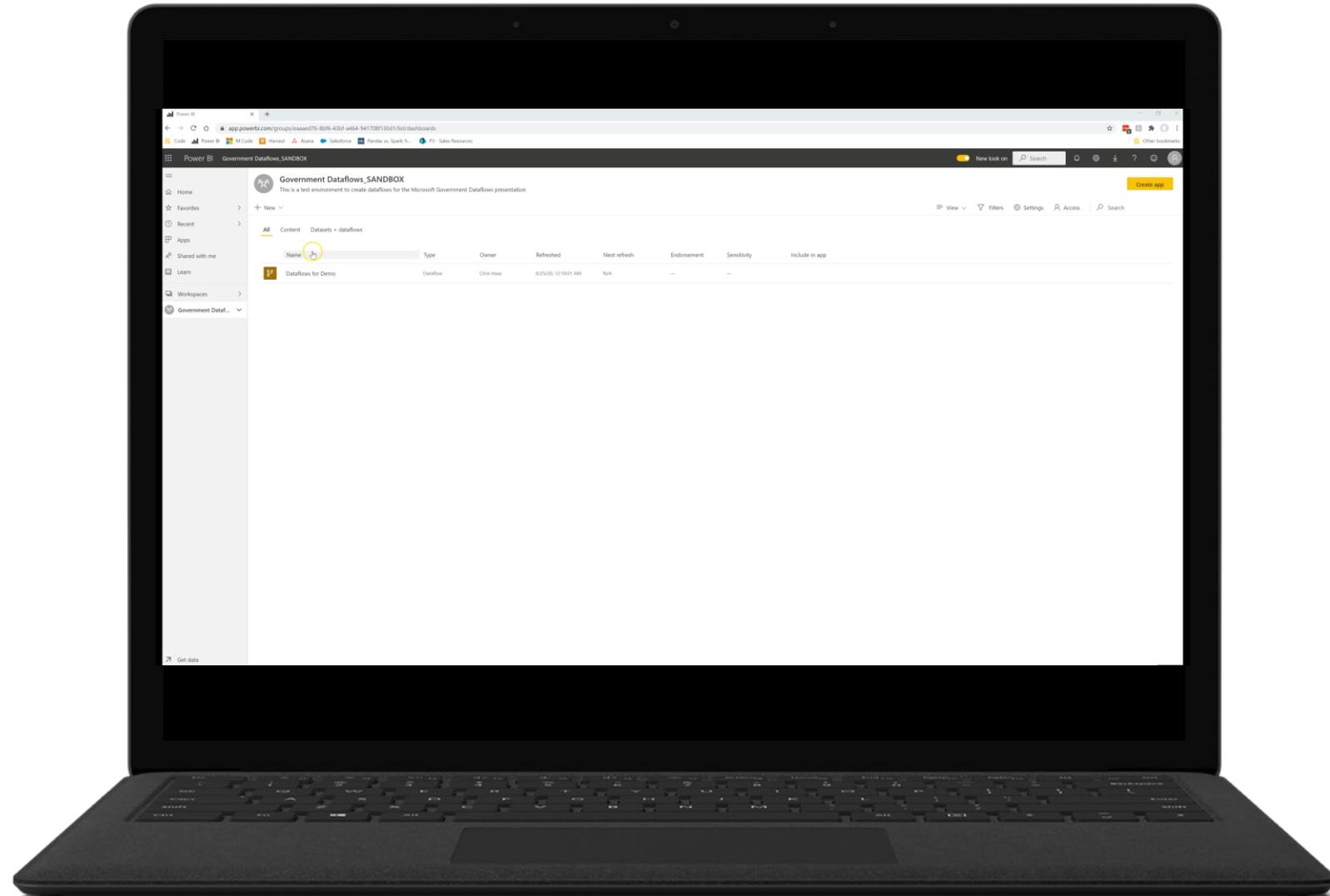




USE CASES AND DEMOS

Demo 1: Create a Dataflow by connecting to a table in a database

See, told you it was fast.

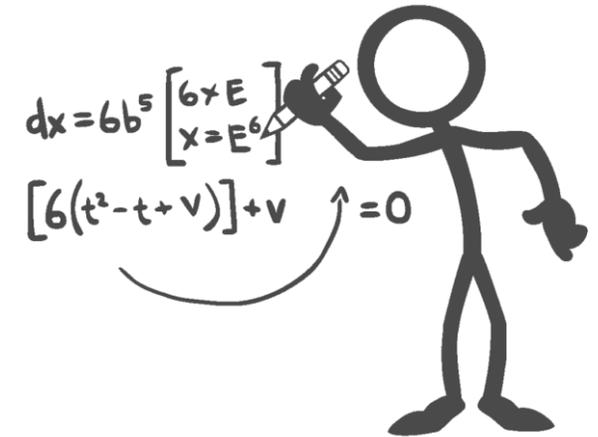
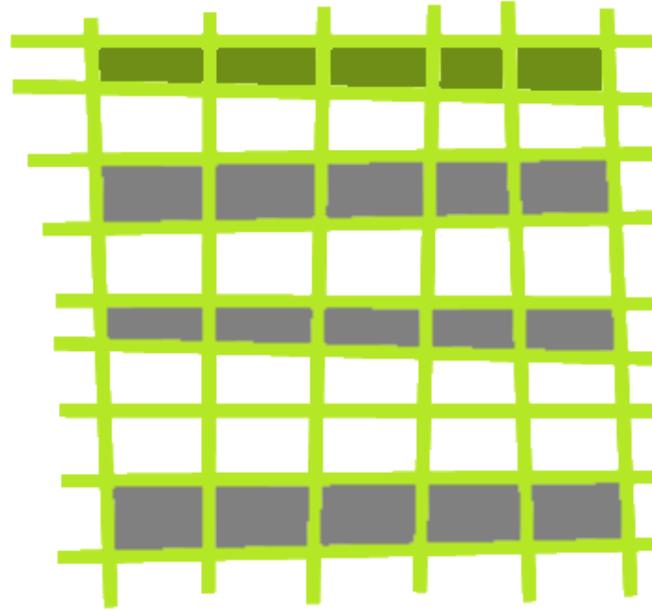




USE CASES AND DEMOS

Demo 2: Create a Dataflow by pasting M code from Power BI

This is my preferred way to do it.

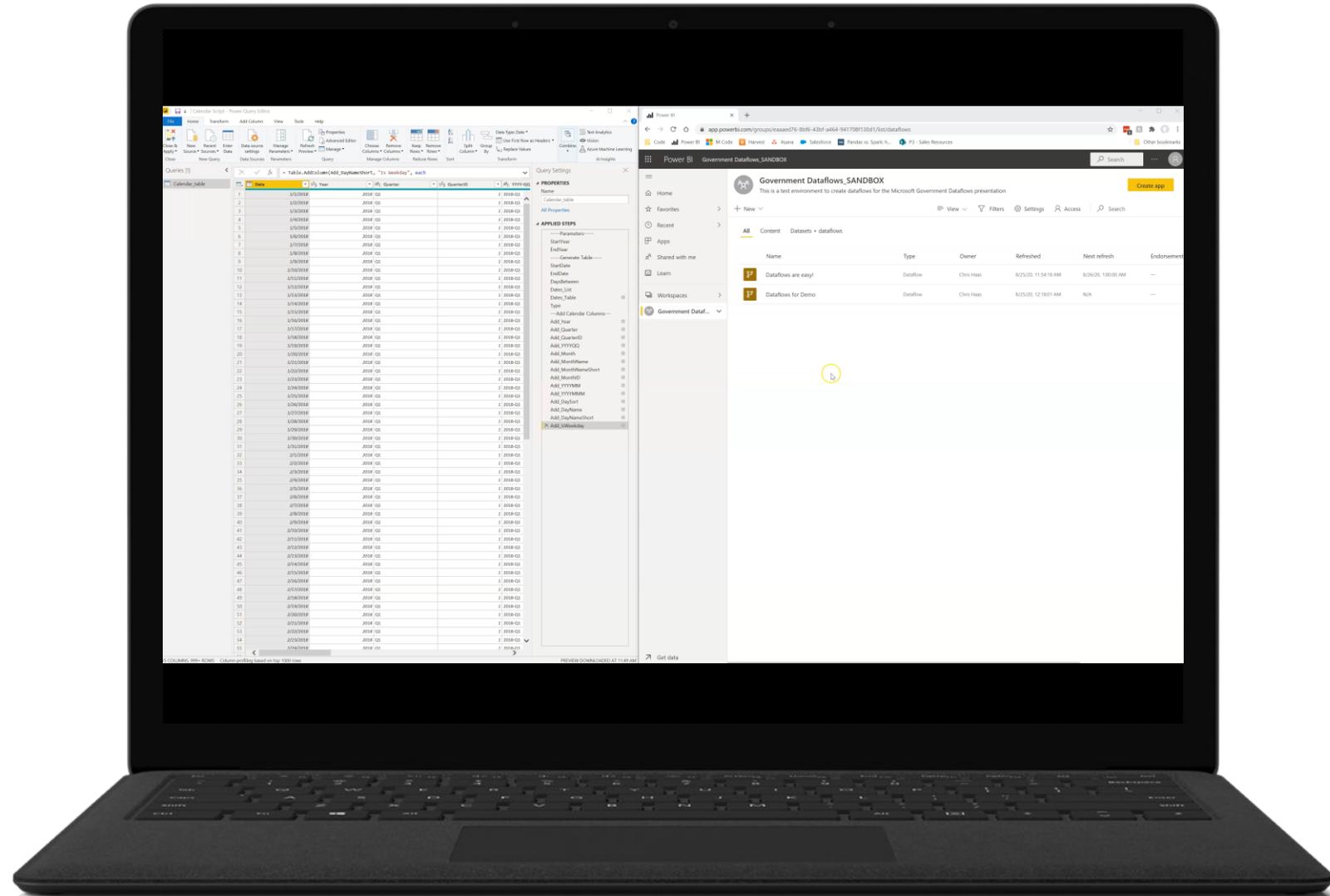




USE CASES AND DEMOS

Demo 2: Create a Dataflow by pasting M code from Power BI

Copy + Paste and away you go!

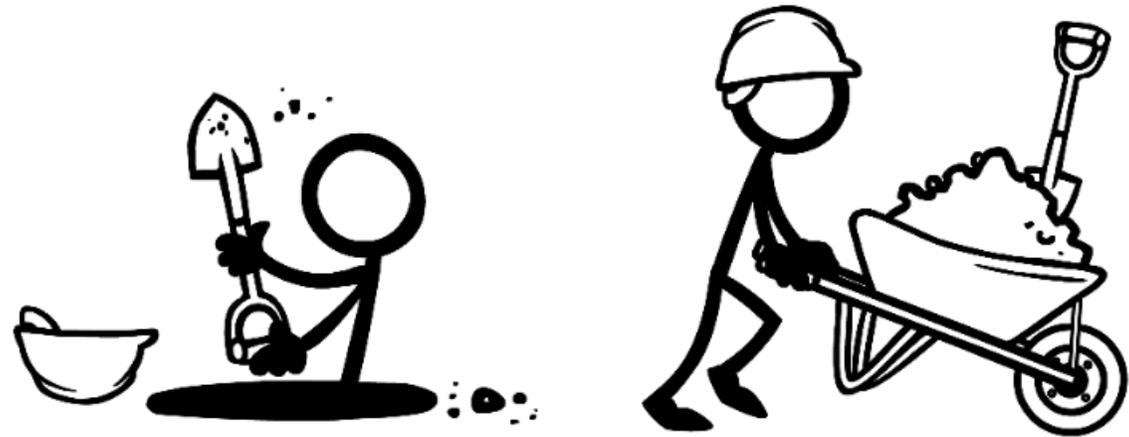
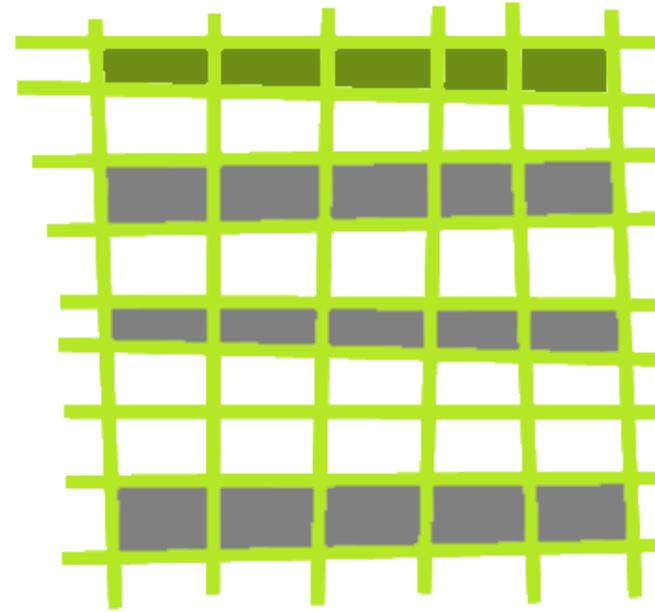




USE CASES AND DEMOS

Demo 3: Repoint tables in Query Editor to Dataflows

We call this “replumbing”

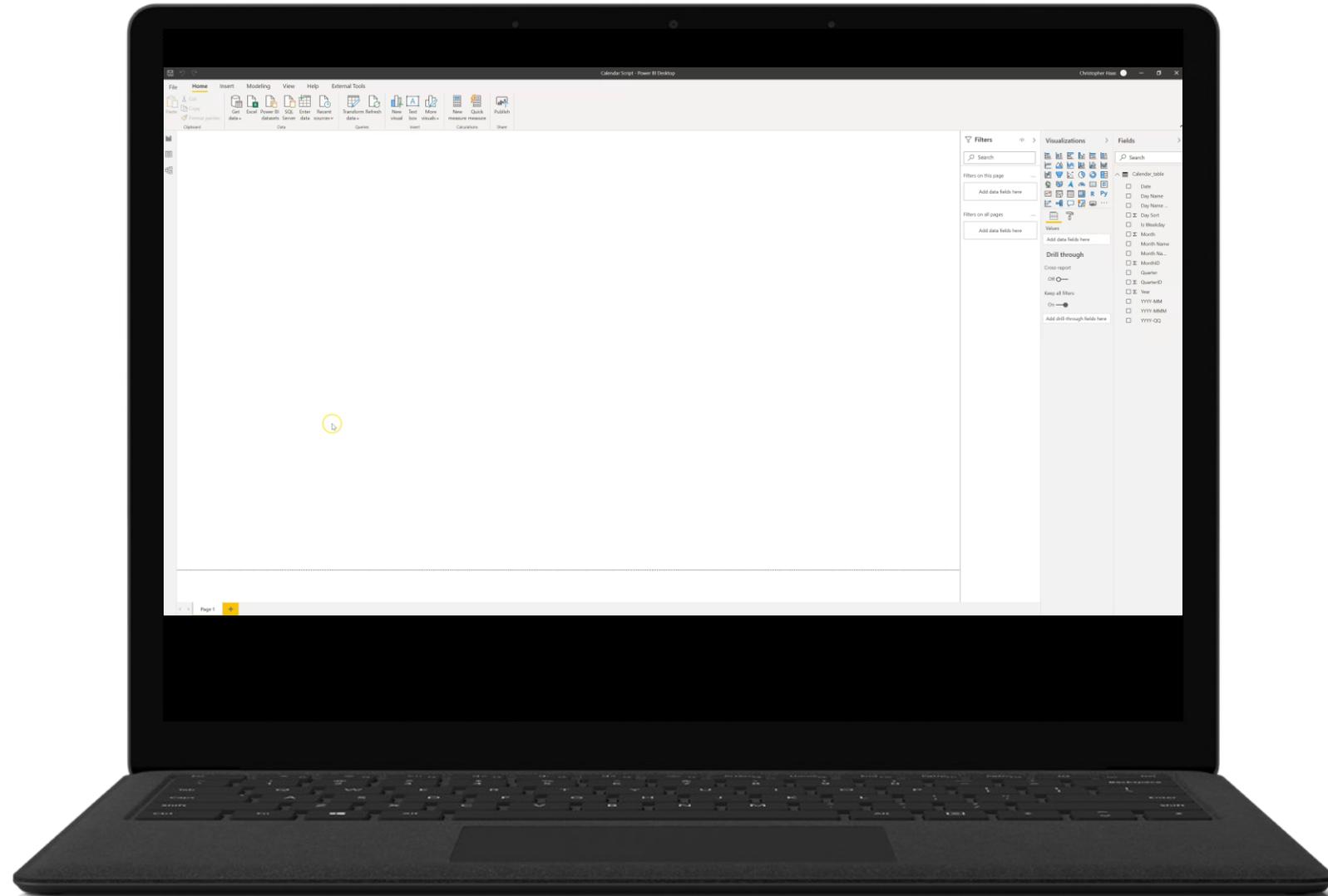




USE CASES AND DEMOS

Demo 3: Repoint tables in Query Editor to Dataflows

This is a great way to get comfortable
with the Advanced Editor.



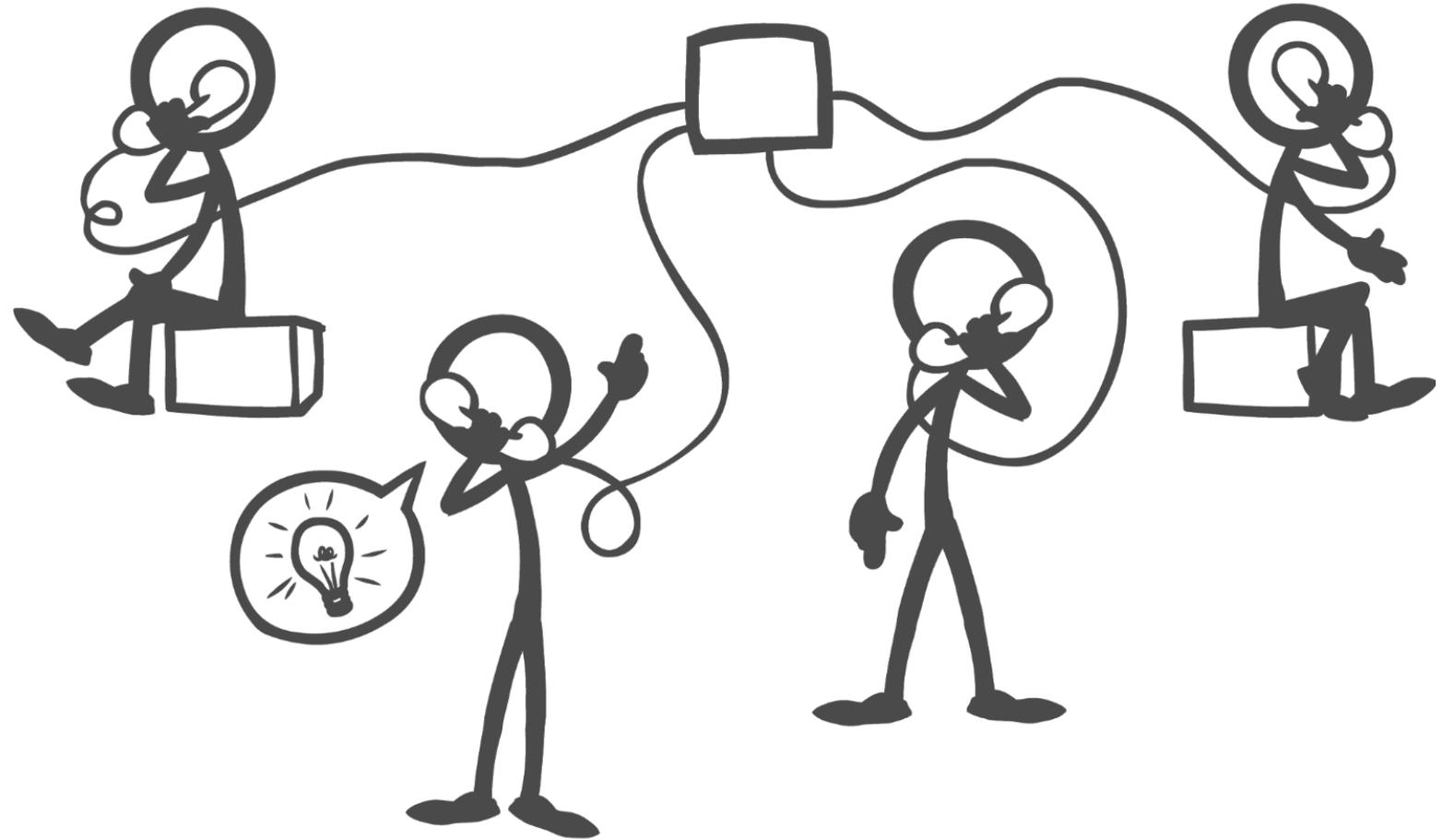


IT'S YOUR TURN TO TALK!

Have questions for us?
Please ask!

If you think of something later, you can
always reach us at

empower@powerpivotpro.com





REFERENCES

Check out these links for more information!

Creating and using dataflows in Power BI

01/15/2020 • 8 minutes to read • 

Dataflows best practice

09/19/2019 • 3 minutes to read • 

APRIL 2, 2019

Power Query (M)agic: Parameters for Dataflows!

FRED KAFFENBERGER

