

# 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.

REC 

Session WILL be recorded

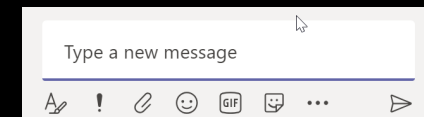
Housekeeping



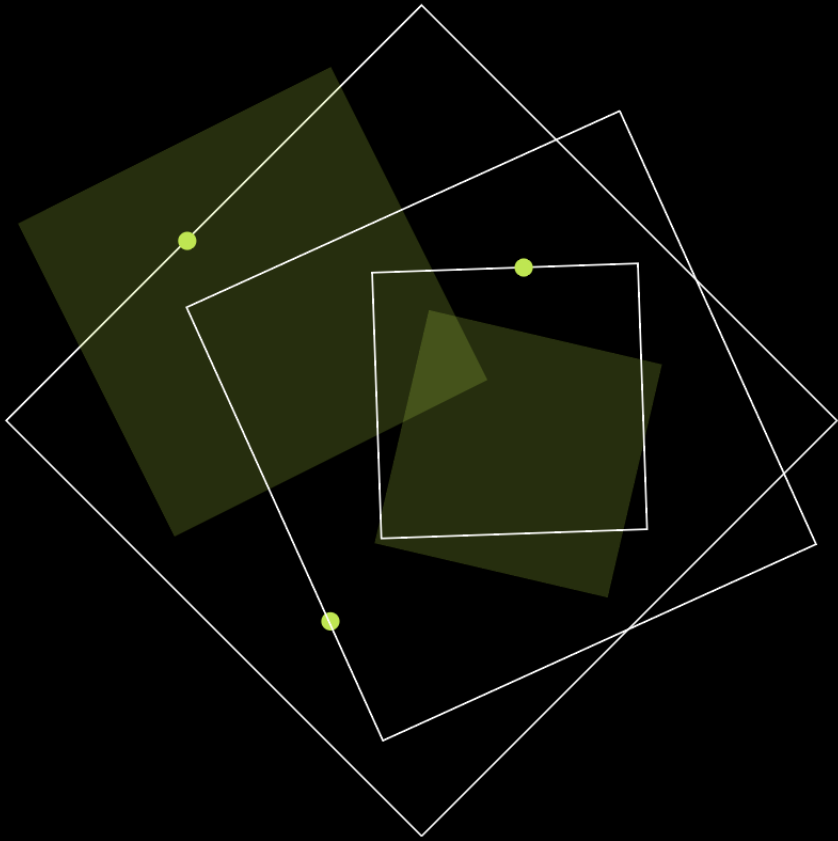
Presentation WILL be available  
after LIVE event.



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**

*POWER PIVOT PRO*

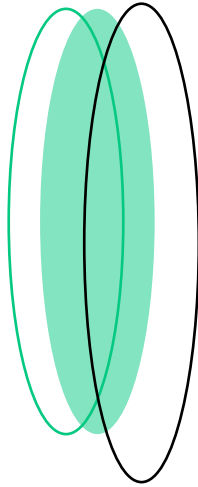
Gold  
Microsoft Partner



WHO ARE WE

# Your ideal partners for Power BI and the Power Platform.

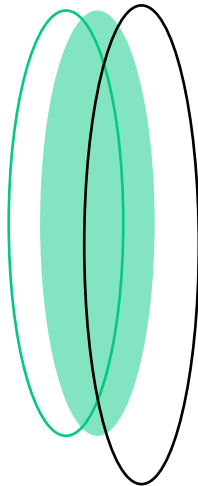
As a new wave of technology goes  
mainstream, you need the right kind of  
help.



Chris Haas  
Principal Consultant

✉ [chaas@powerpivotpro.com](mailto:chaas@powerpivotpro.com)

in [Chris Haas](#)



Krissy Dyess  
Director, Client Services

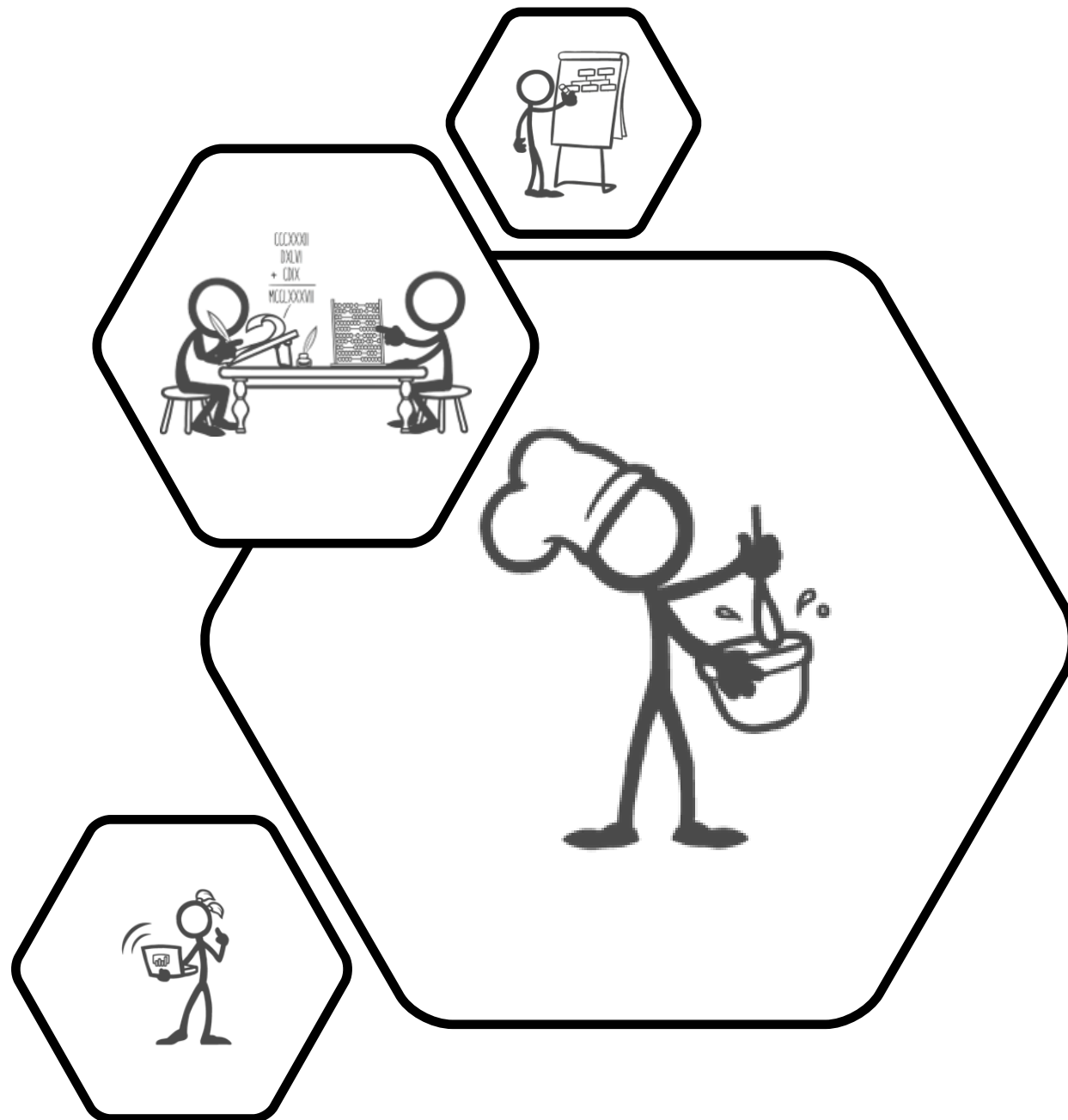
✉ [kdyess@powerpivotpro.com](mailto:kdyess@powerpivotpro.com)

in [Krissy Dyess](#)

## AGENDA

# Let's talk about Dataflows!

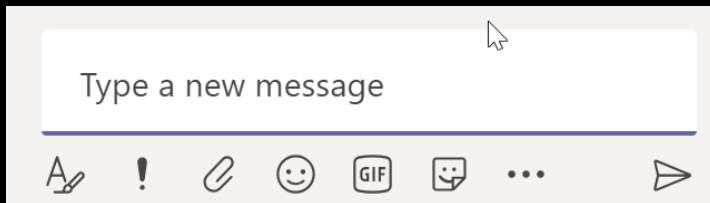
- What is a Dataflow?
- How can Dataflows help me?
- Show me real Dataflows!  
Even better, we'll show you three 😊
- Let me ask questions.



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:

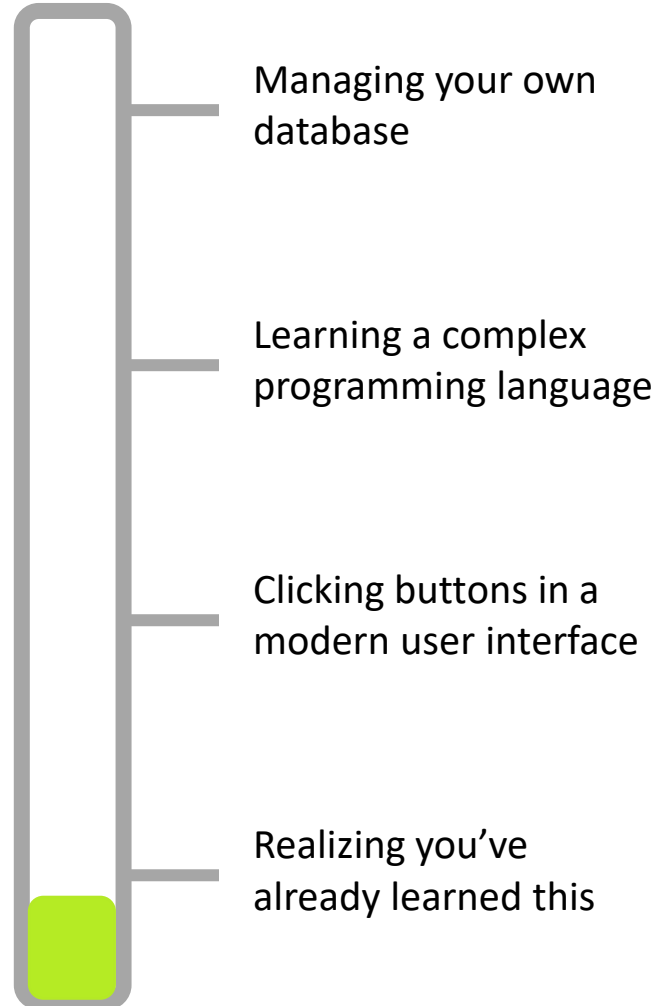
Dataflows solve ALL of these problems!

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

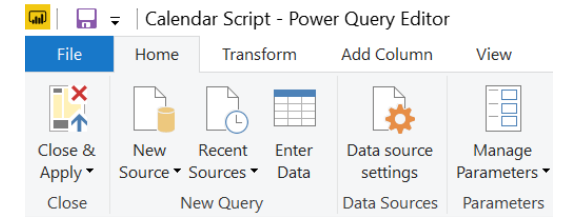
GREAT NEWS:

Using Dataflows is easier than you think

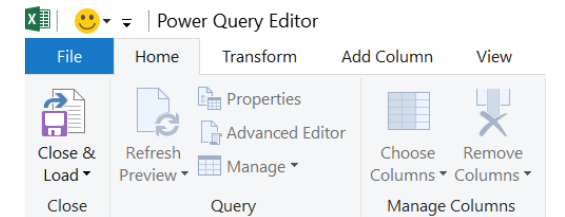
## How easy?



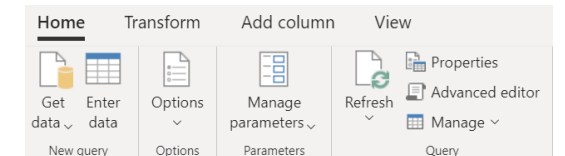
## Power BI



## Excel



## Dataflows





## WHAT IS A DATAFLOW?

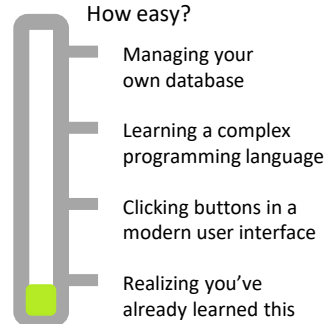
YOUR data, wherever it comes from.  
YOUR logic, used to shape and  
augment it.  
YOUR'S to share. Everyone can use it.

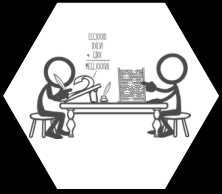
A dataflow is a table...  
Stored in the cloud...  
And it's reusable...

*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

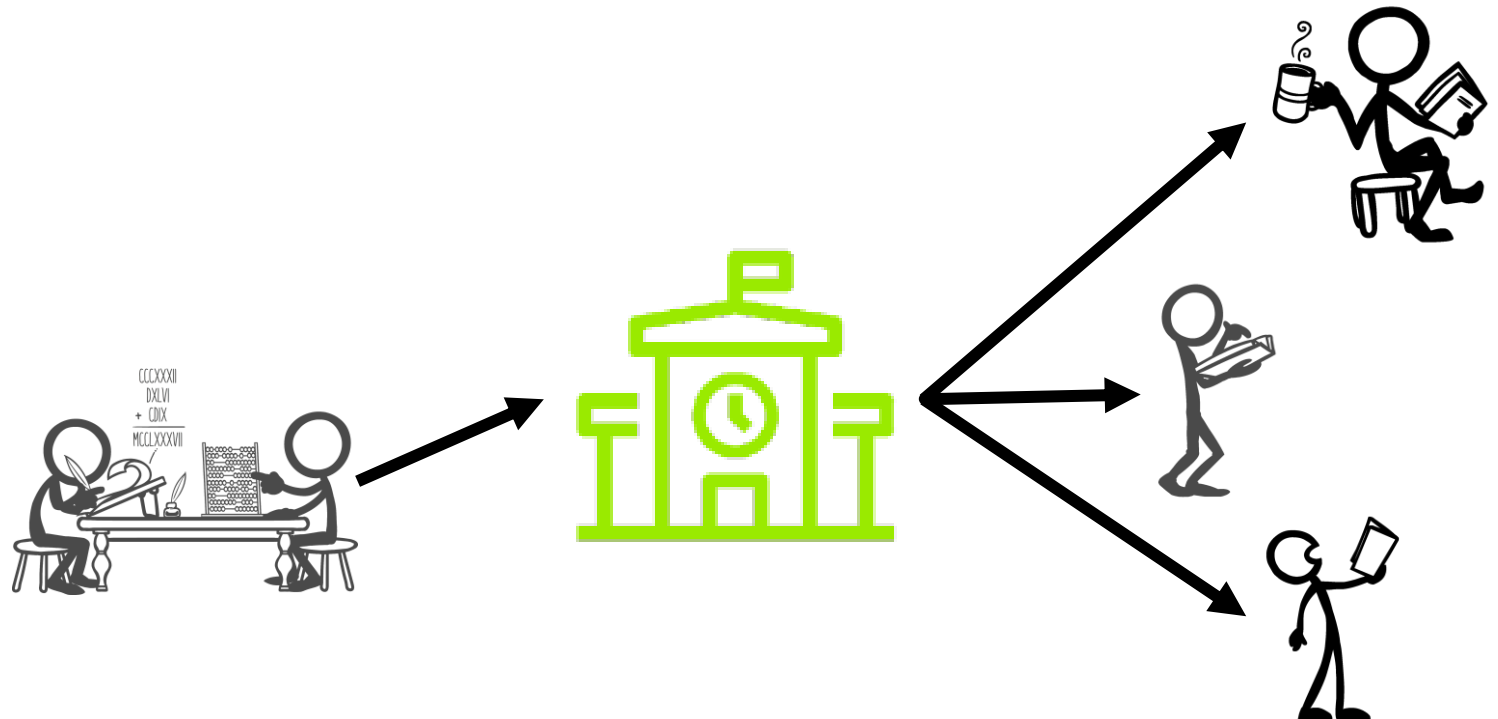
Let's keep the library analogy going...

Build and maintain tables in  
a single place...

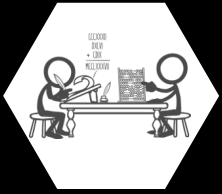
*...write the book  
once*

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

*...a library of  
available books*







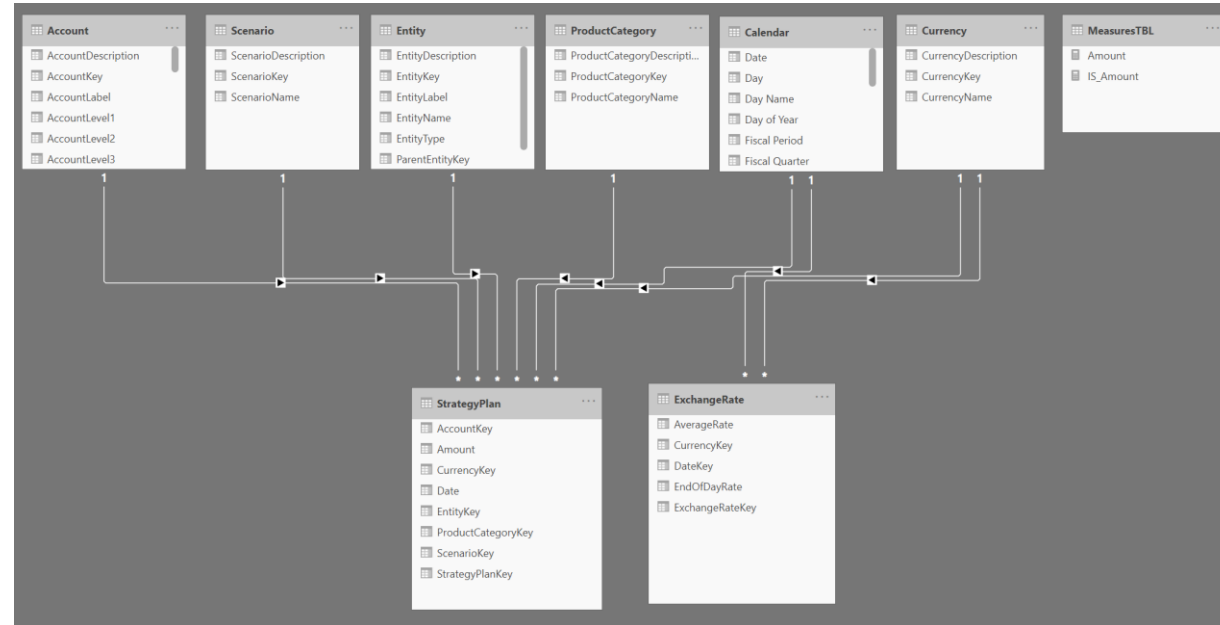
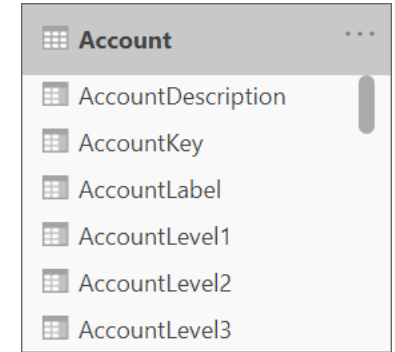
HOW CAN DATAFLOWS HELP ME?

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)*



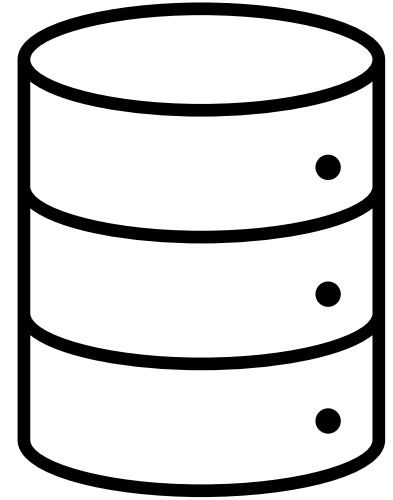
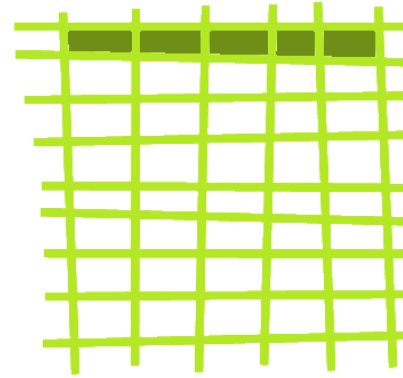
A Dataset is an **entire model** with multiple tables, relationships & DAX measures. You use it to build new visuals.  
*(The kit with the shovel, metal detector & treasure map)*



## 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.

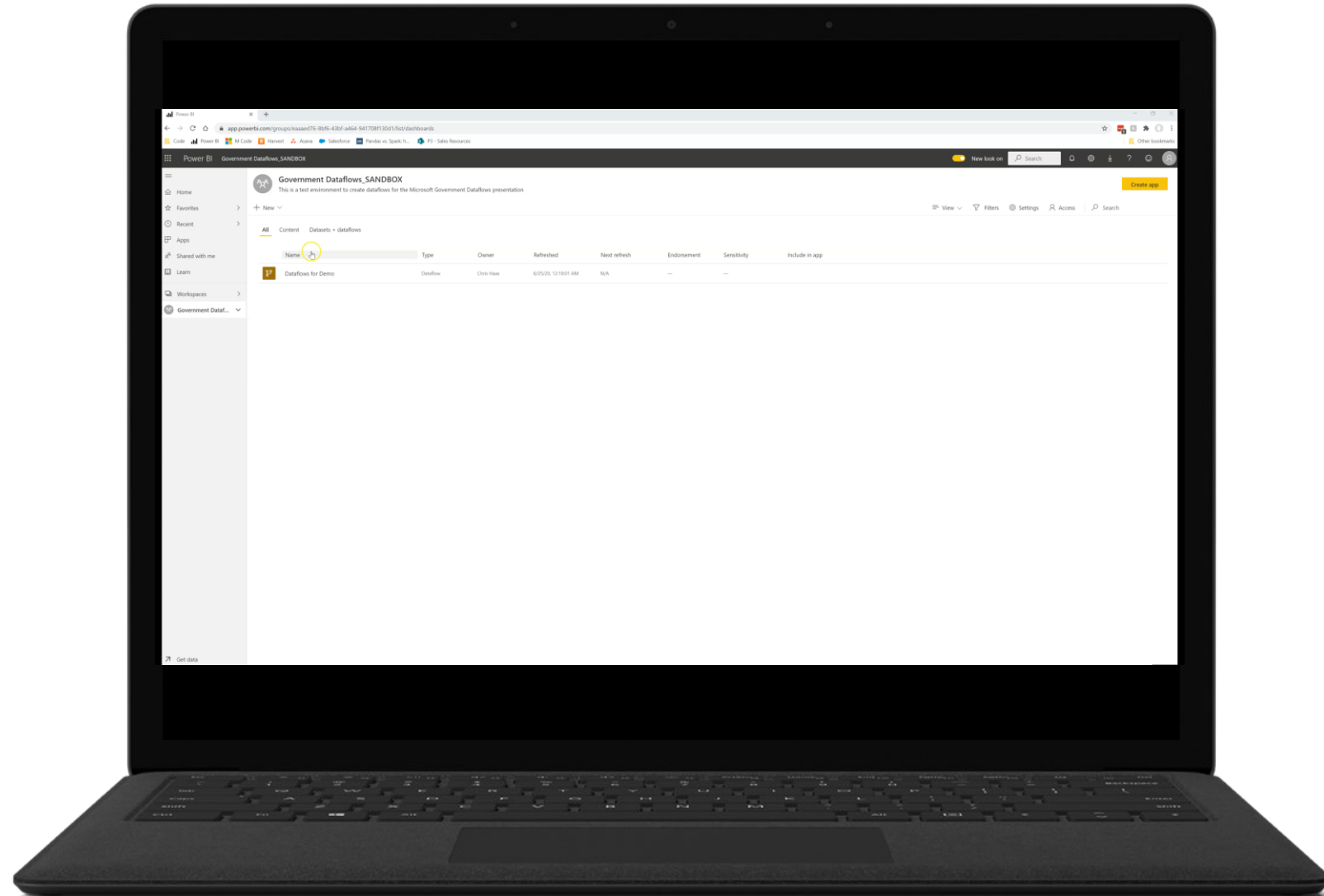




## USE CASES AND DEMOS

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

See, told you it was fast.

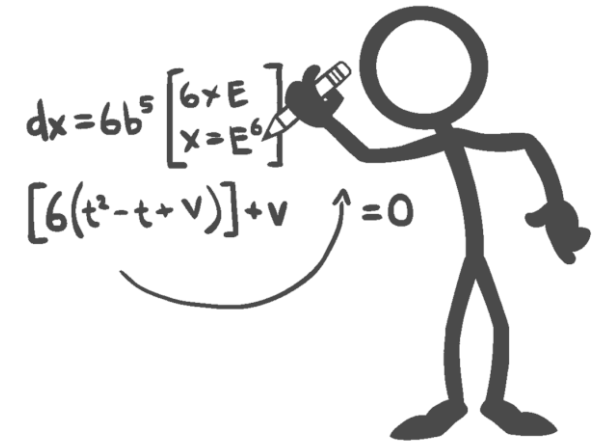
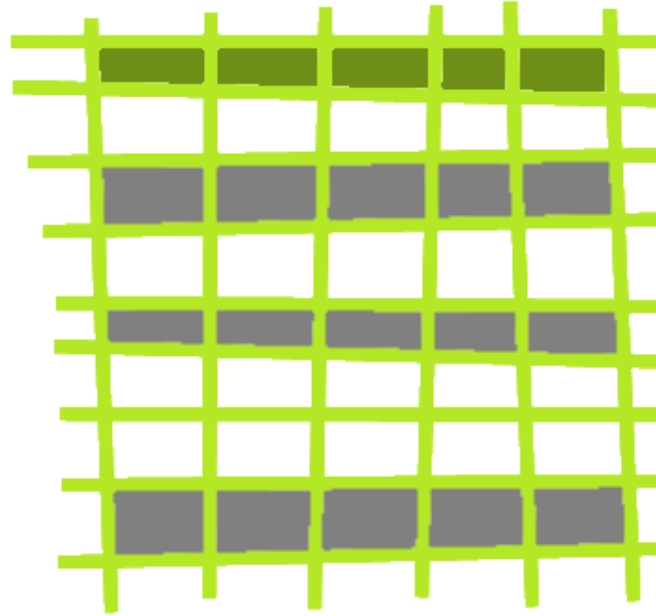




USE CASES AND DEMOS

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

This is my preferred way to do it.

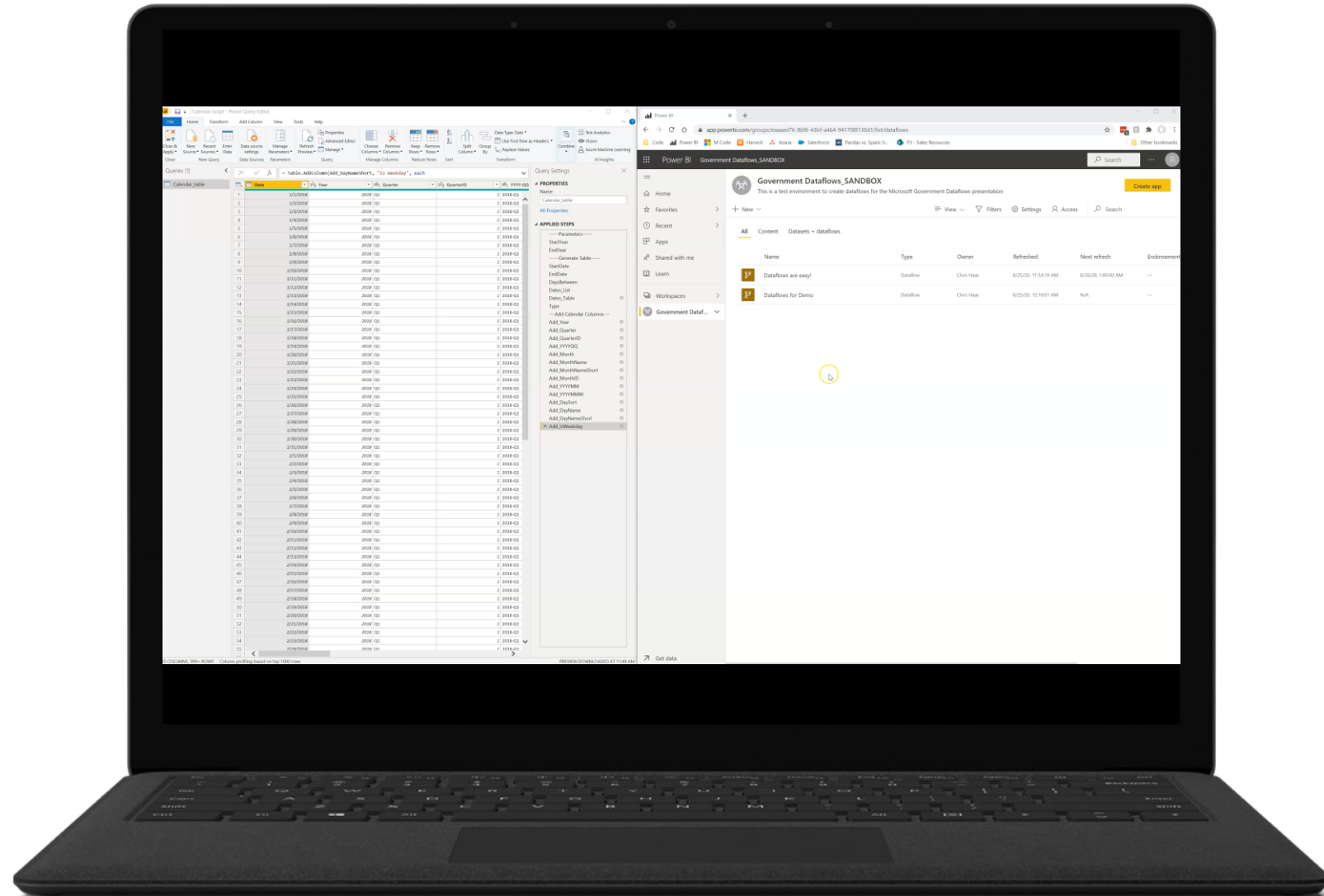




## USE CASES AND DEMOS

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

Copy + Paste and away you go!

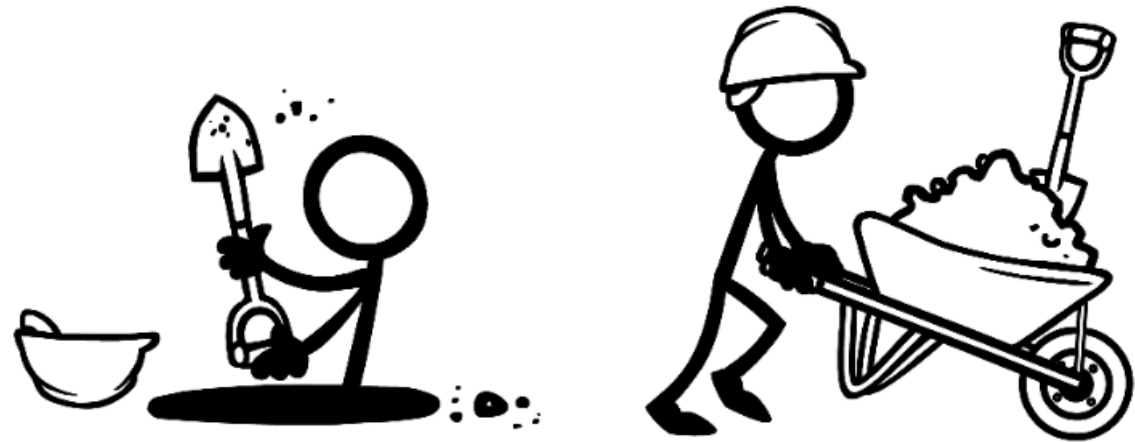
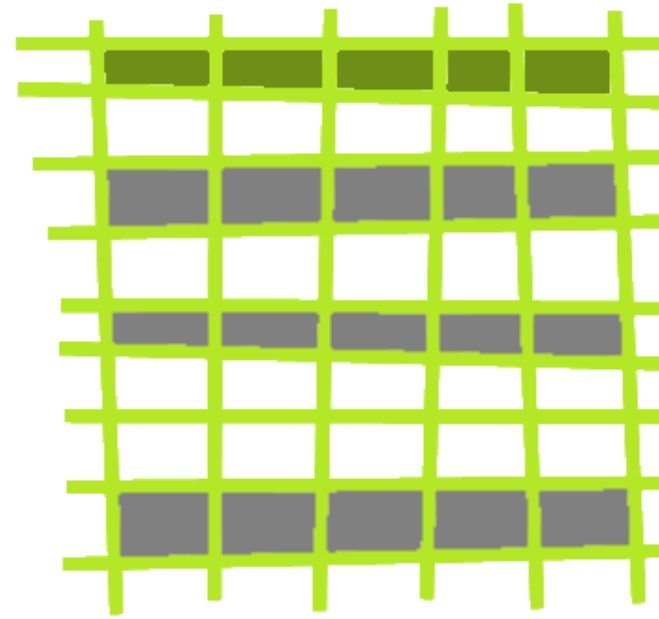




USE CASES AND DEMOS

## Demo 3: Repoint tables in Query Editor to Dataflows

We call this “replumbing”

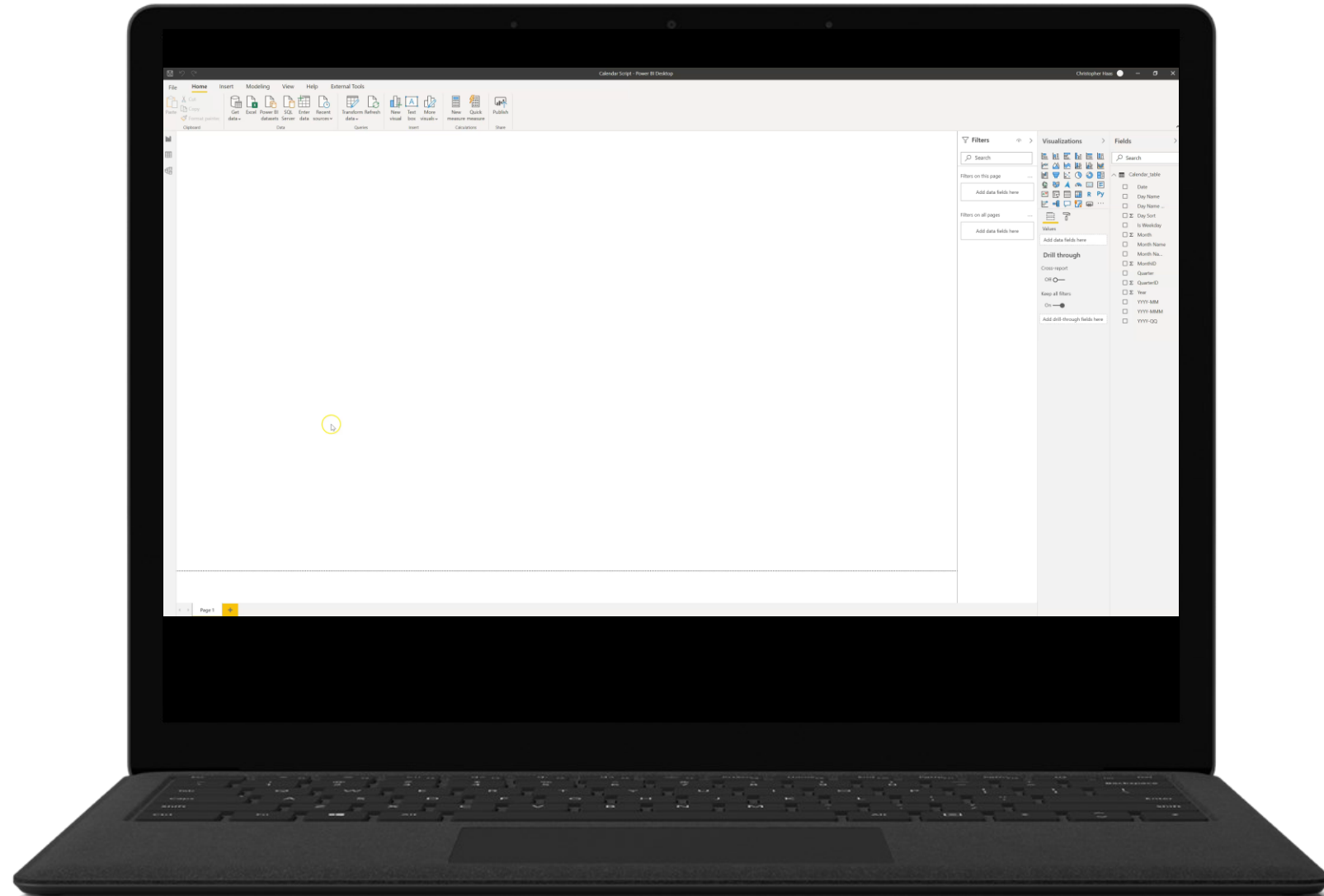




## USE CASES AND DEMOS

# Demo 3: Repoint tables in Query Editor to Dataflows

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



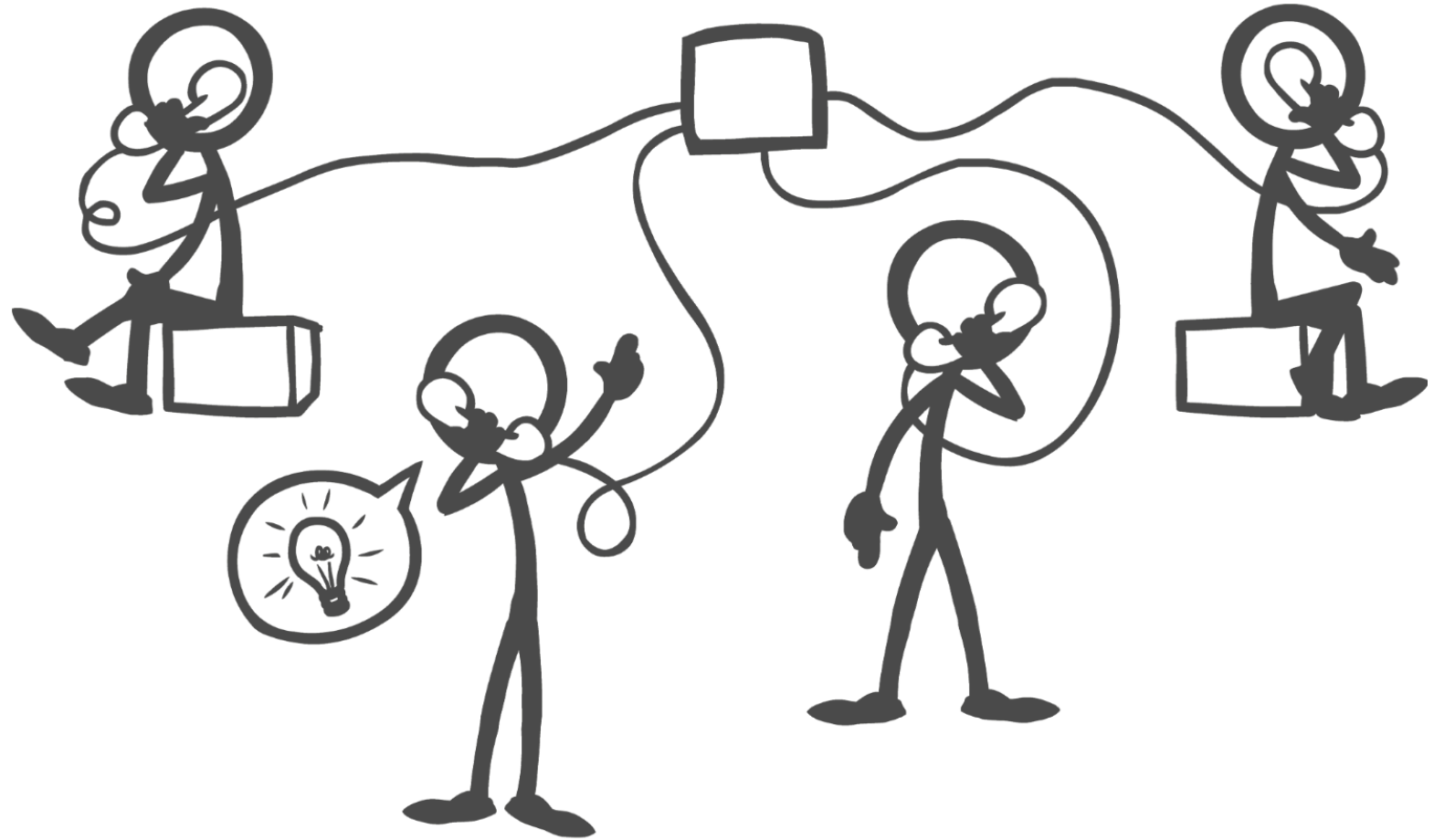


IT'S YOUR TURN TO TALK!

Have questions for us?  
Please ask!

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

[empower@powerpivotpro.com](mailto: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

**P3**  
POWER PIVOT PRO

