



# EUROPEAN **MiCROSOFT FABRiC** Community Conference

VIENNA  
15-18 SEPTEMBER 2025





# No-Code Low-Code Pro-Code: Unlocking Data Magic with Fabric Dataflows Gen2

**Cristian Angyal**

MVP, Romania

„ Small daily improvements  
over time lead to stunning  
results,,

*Robin Sharma*

# About me

- Project Manager (PMP, PMI-ACP)
- Microsoft Certified Professional  
(DP-600, DP-700, PL-300, MCT, MCSA, MCSE, MOS Master)
- Romania PBI and Modern Excel UG Founder  
<https://www.meetup.com/romaniapug>
- Microsoft MVP M365 (**Excel**) & Data Platform (**Power BI**)
- Proud dad and husband



## Cristian Angyal



**in**/cristian-angyal

<https://linktr.ee/cristiangyal>



# SESSION PLAN

- Microsoft Fabric Overview
- Power Query Refresher
- No-Code, Low-Code, Pro-Code
- Demo
- Summary & Business Impact
- Q&A

# Microsoft Fabric



Data  
Factory



Data  
Engineering



Databases



Real-Time  
Intelligence



Analytics



Power BI



Copilot in Fabric



OneLake



Microsoft Purview



Real-Time Hub



OneLake Data Hub



## Data Factory



Pipelines



Copyjob



Dataflows  
Gen2



## Dataflows Gen2

### Power Query (M Engine)

- No-Code
- Low-Code
- Pro-Code





# Where Does Dataflows Gen2 Fit?

## Data lifecycle






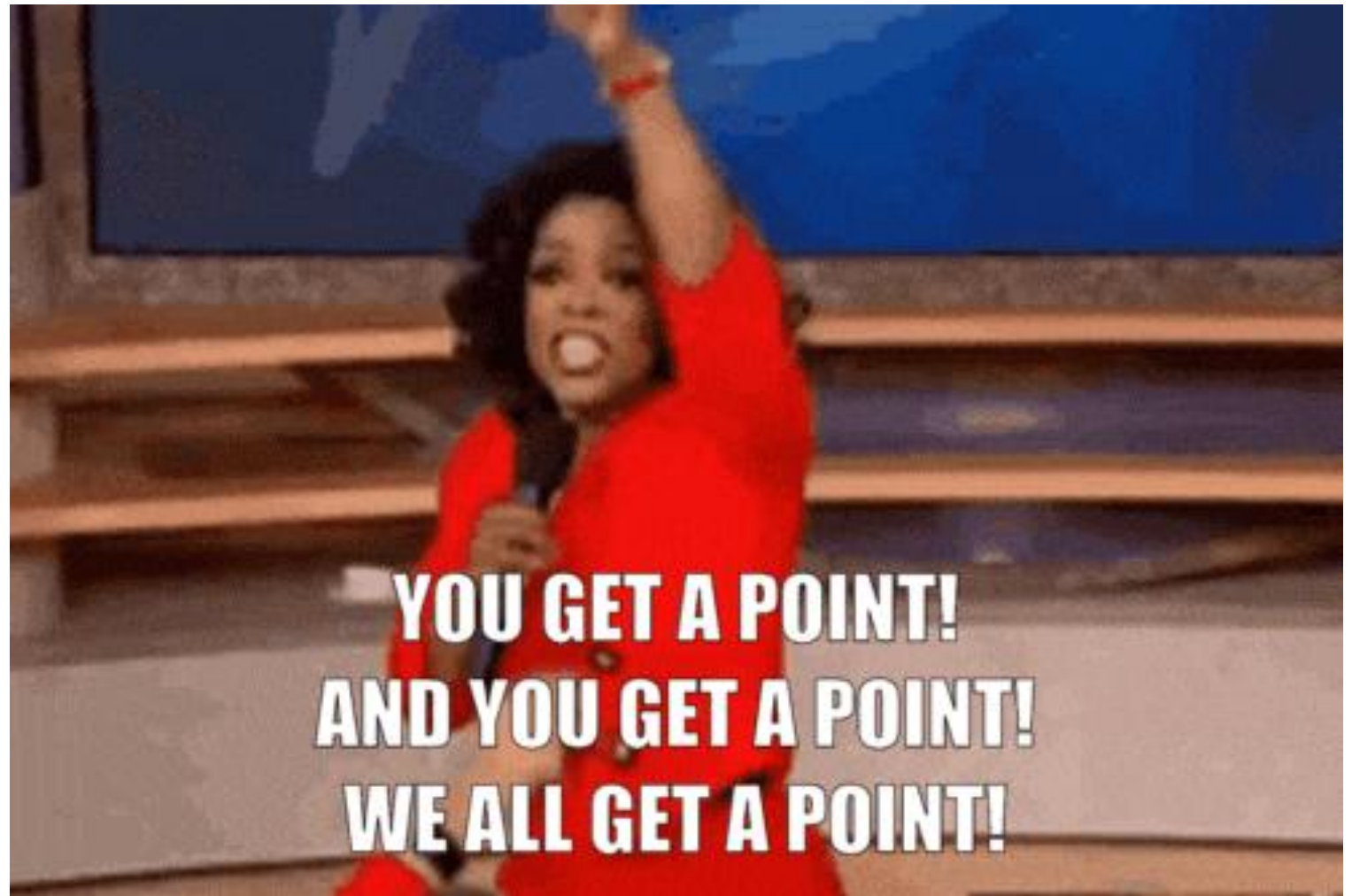
# Where can we use Power Query?

Product	M engine	Power Query Desktop	Power Query Online	Dataflows
Excel for Windows	✓	✓	X	X
Excel for Mac	✓	✓	X	X
Power BI	✓	✓	✓	✓
Power Apps	✓	X	✓	✓
Power Automate	✓	X	✓	X
Power BI Report Server	✓	✓	X	X
Azure Data Factory	✓	X	✓	✓
<b>Data Factory in Microsoft Fabric</b>	<b>✓</b>	<b>X</b>	<b>✓</b>	<b>✓</b>
SQL Server Integration Services	✓	X	X	X
SQL Server Analysis Services	✓	✓	X	X
Dynamics 365 Customer Insights	✓	X	✓	✓

Source - <https://learn.microsoft.com/en-us/power-query/power-query-what-is-power-query>

## Quick Poll

-  **No-Code**
-  **Low-Code**
-  **Pro-Code**





# Demo



# Demo scenario

## Employee Training Program Cost Allocation & Tracking

- Multinational company runs monthly trainings
- Costs allocated across countries, departments, skills
- Management needs:
  - Cost per department
  - Cost per country
  - Cost per skill
  - Monthly trends








# Demo scenario

	ABC 123 Training Program	ABC 123 Countries	ABC 123 Departments	ABC 123 Skills Covered	ABC 123 Total Budget
1	Leadership Bootcamp	India, USA	Sales, HR	Leadership, Communic...	120000
2	AI & Data Workshop	UK, Germany, Netherl...	IT, Finance	AI, Data Analytics, ...	250000
3	Compliance Training	USA, Canada	Legal, Ops, HR, Fina...	GDPR, Ethics	80000
4	Cloud Migration Course	India, Germany	IT, Ops	Cloud, Security, Dev...	140000
5	Advanced Excel Workshop	Romania	Finance, HR, Sales	Excel, Reporting	60000
6	Agile Methodologies	UK, Romania, Poland	IT, Sales, HR	Agile, Collaboration...	100000
7	Customer Success 101	USA, Mexico	Support	Customer Success, Co...	70000

	ABC Training Program	ABC 123 Total Budget	ABC Country	ABC Department	ABC Skills Covered	1.2 Budget
1	Advanced Excel Workshop	60000	Romania	Finance	Excel	10000
2	Advanced Excel Workshop	60000	Romania	HR	Excel	10000
3	Advanced Excel Workshop	60000	Romania	Sales	Excel	10000
4	Advanced Excel Workshop	60000	Romania	Finance	Reporting	10000
5	Advanced Excel Workshop	60000	Romania	HR	Reporting	10000
6	Advanced Excel Workshop	60000	Romania	Sales	Reporting	10000

# SESSION Summary

Method	Effort Level	
No Code (GUI Only)	 Easy	
Low Code (GUI + Code)	 Moderate	
Pro Code (Advanced Editor)	 Advanced	

# SESSION Summary

Method	Effort Level	Flexibility	
No Code (GUI Only)	 Easy	 Low	
Low Code (GUI + Code)	 Moderate	 Medium	
Pro Code (Advanced Editor)	 Advanced	 High	

# SESSION Summary

Method	Effort Level	Flexibility	GUI Dependency	
No Code (GUI Only)	 Easy	 Low	 Full	
Low Code (GUI + Code)	 Moderate	 Medium	 Partial	
Pro Code (Advanced Editor)	 Advanced	 High	 None	

# SESSION Summary

Method	Effort Level	Flexibility	GUI Dependency	Performance
No Code (GUI Only)	 Easy	 Low	 Full	IT DEPENDS 😄
Low Code (GUI + Code)	 Moderate	 Medium	 Partial	
Pro Code (Advanced Editor)	 Advanced	 High	 None	

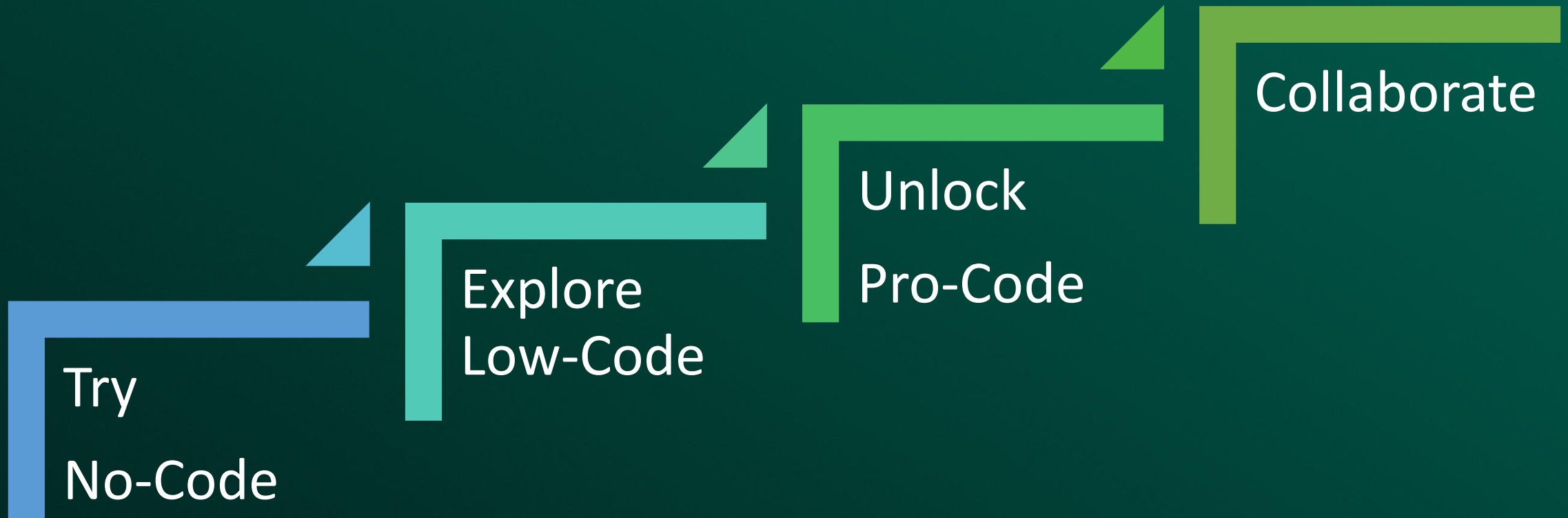


# Business Impact

Turning messy data into insights:

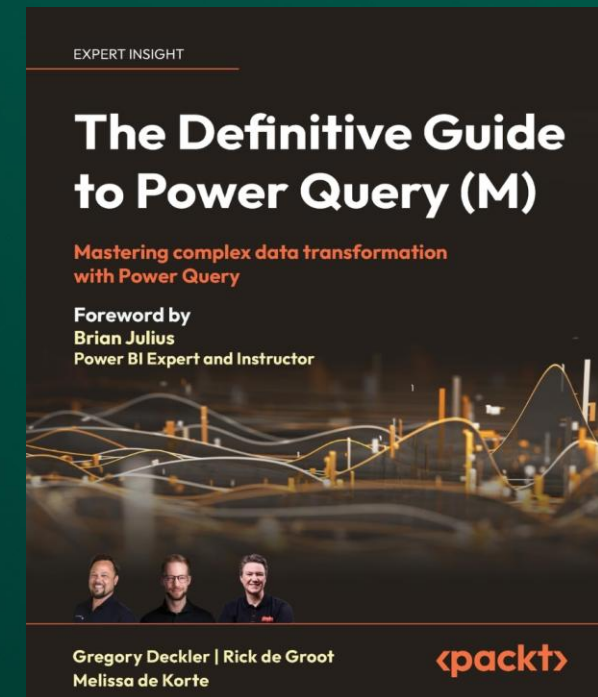
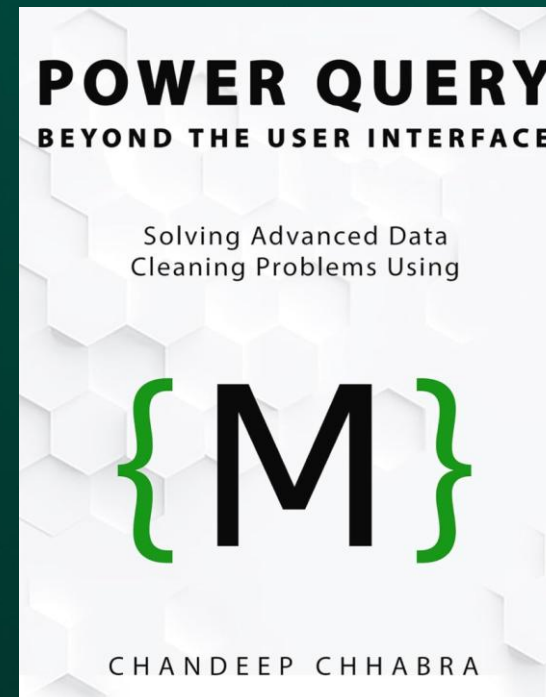
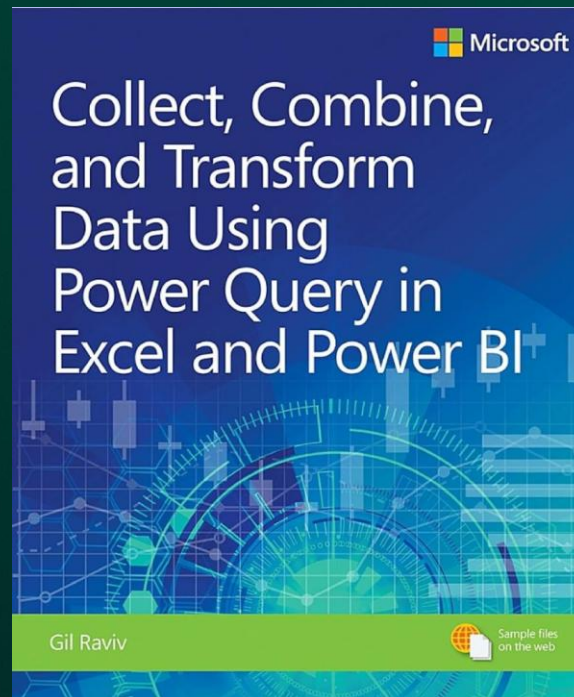
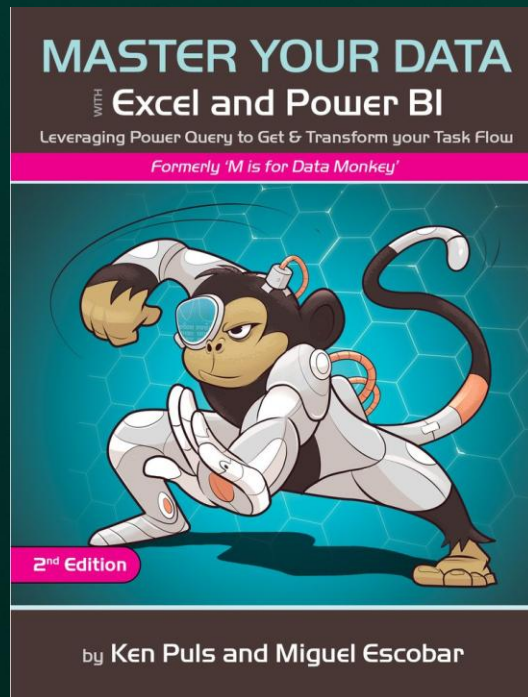
- Break down silos
- Enable self-service
- Faster time to insights
- Reduce IT backlog

# Your Next Steps with Dataflows Gen2



# RESOURCES

- <https://learn.microsoft.com/en-us/power-query/power-query-what-is-power-query>
- Custom GPT – Power Query {M}agic – <https://bit.ly/PQMagic>



# RESOURCES

- Custom GPT – Power Query {M}agic – <https://bit.ly/PQMagic>
- Session deck and files - [https://github.com/cristiangyal/Public-Sessions/tree/main/2025.09\\_Fabcon\\_Europe\\_2025](https://github.com/cristiangyal/Public-Sessions/tree/main/2025.09_Fabcon_Europe_2025)

# Thank You!



**Cristian Angyal**



**in**/cristian-angyal

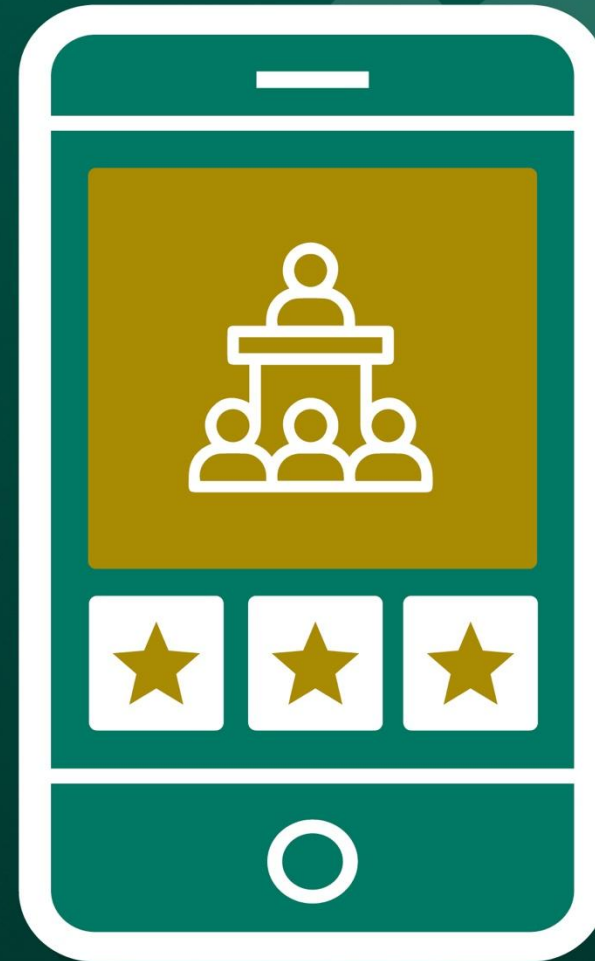


<https://linktr.ee/cristiangyal>





Please rate  
this session  
on the app



cvent

