

# Fabric Powered Data Insights

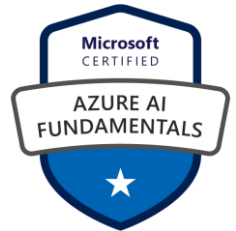
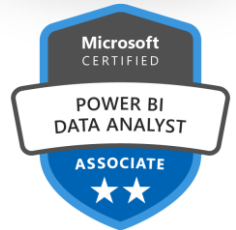
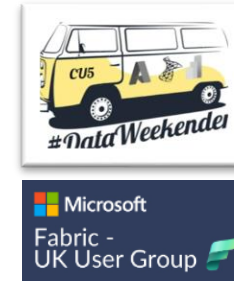
Pragati Jain



# Pragati Jain

- Microsoft Data Platform MVP
- Superuser at Microsoft Fabric Community
- 10+ years of industry experience
- Analytics Manager at Avanade, London
- Organizer at DataWeekender conference
- Manager at Microsoft Fabric UK User Group

**Fun Fact About Me:**  
**I am a painter and proudly call myself**  
**‘TechieArtist’ 😊**



- ✓ Microsoft Certified: Fabric Analytics Engineer Associate
- ✓ Microsoft Certified: Power BI Data Analyst Associate

# Agenda For Today



- Introduction to Microsoft Fabric.
- Exploring different workloads within Microsoft Fabric. (an overview of the environment)
- An end-to-end demo:
  - Connecting to data
  - Transforming data (low-code/no-code approach using Dataflows Gen2, code approach using Notebooks)
  - Creating semantic model
  - Create report

# What Is Microsoft Fabric ?

- Unified Analytics Solution
- End-to-end analytical platform that brings together all the analytical capabilities



Data Factory



Data Engineering



Data Warehouse



Data Science



Real Time Intelligence



Power BI

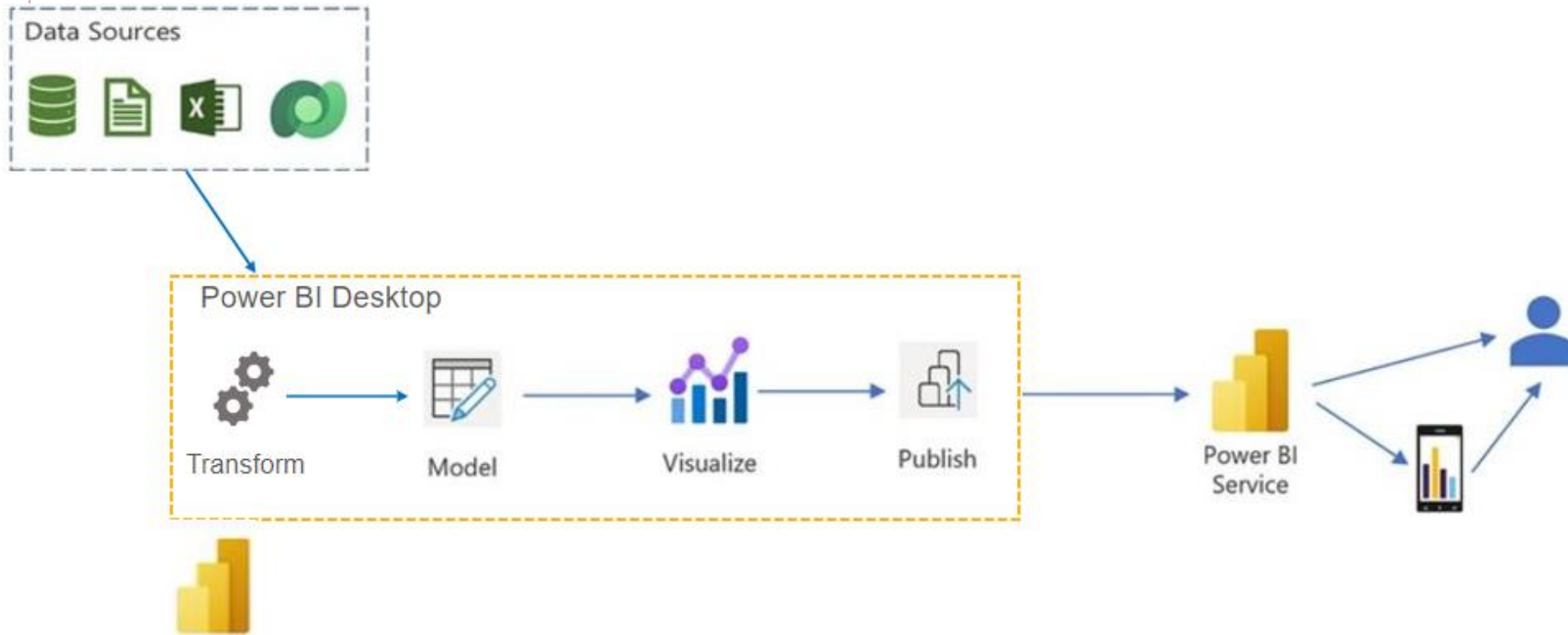


Data Activator



OneLake

I am a Power BI Developer.  
Does Microsoft Fabric change things for me when it comes to development?







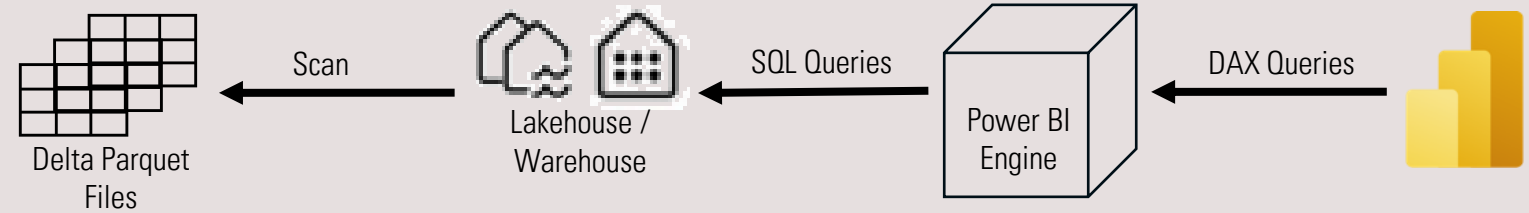
# What Microsoft Fabric has got for Power BI Developers?

- the new horizon of skills to explore - Data Engineering, Data Warehousing bits
- Direct Lake mode for better performance
- Can now directly build end-to-end solution in web interface
- Better for collaboration with other teams

# Direct Lake Mode

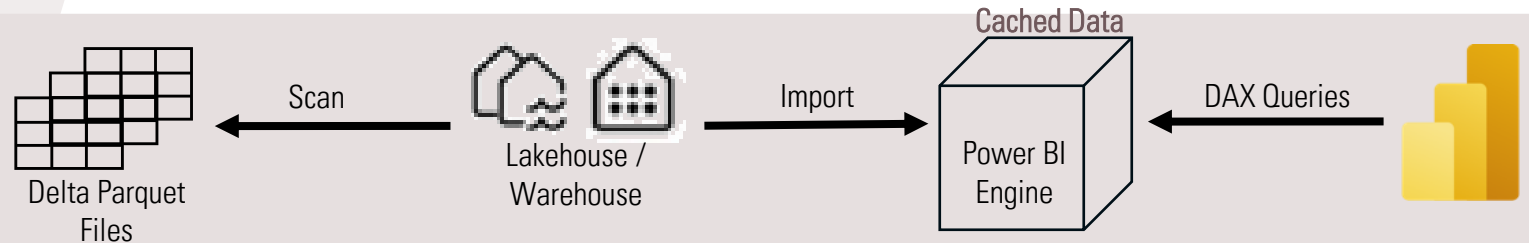
## DirectQuery Mode

- Slow performance
- Real-time
- No data duplication



## Import Mode

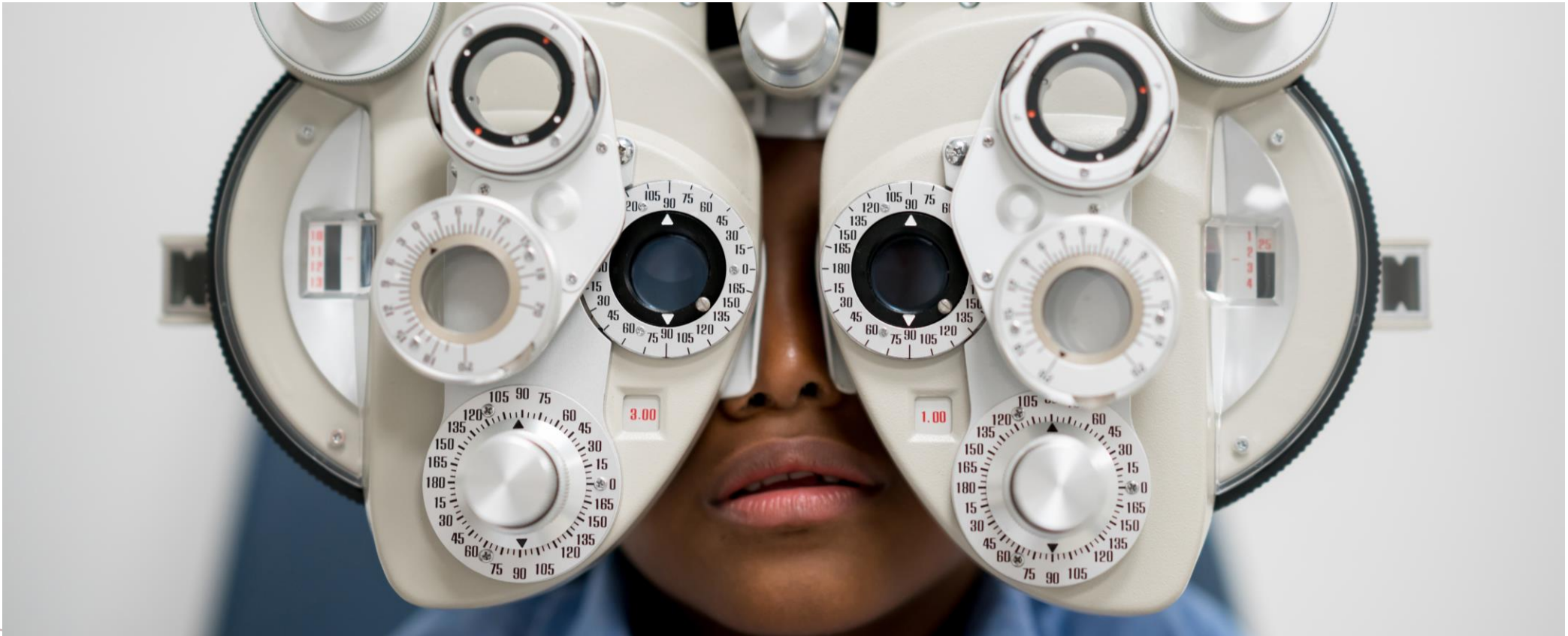
- Fast performance
- No real-time
- Data duplication



## DirectLake Mode Import + DirectQuery



# Demo Time





# Resources




- [Microsoft Fabric Learn Paths](#)
- [Microsoft Fabric Documentation](#)
- [Microsoft Fabric Licensing](#)
- [Career Hub Page](#)
- [Microsoft Fabric Blog](#) for monthly updates
- [DP-600 Certification](#)

# Good Luck with your Fabric Journey!







Thank You  
Happy To Answer  
Any Questions!

