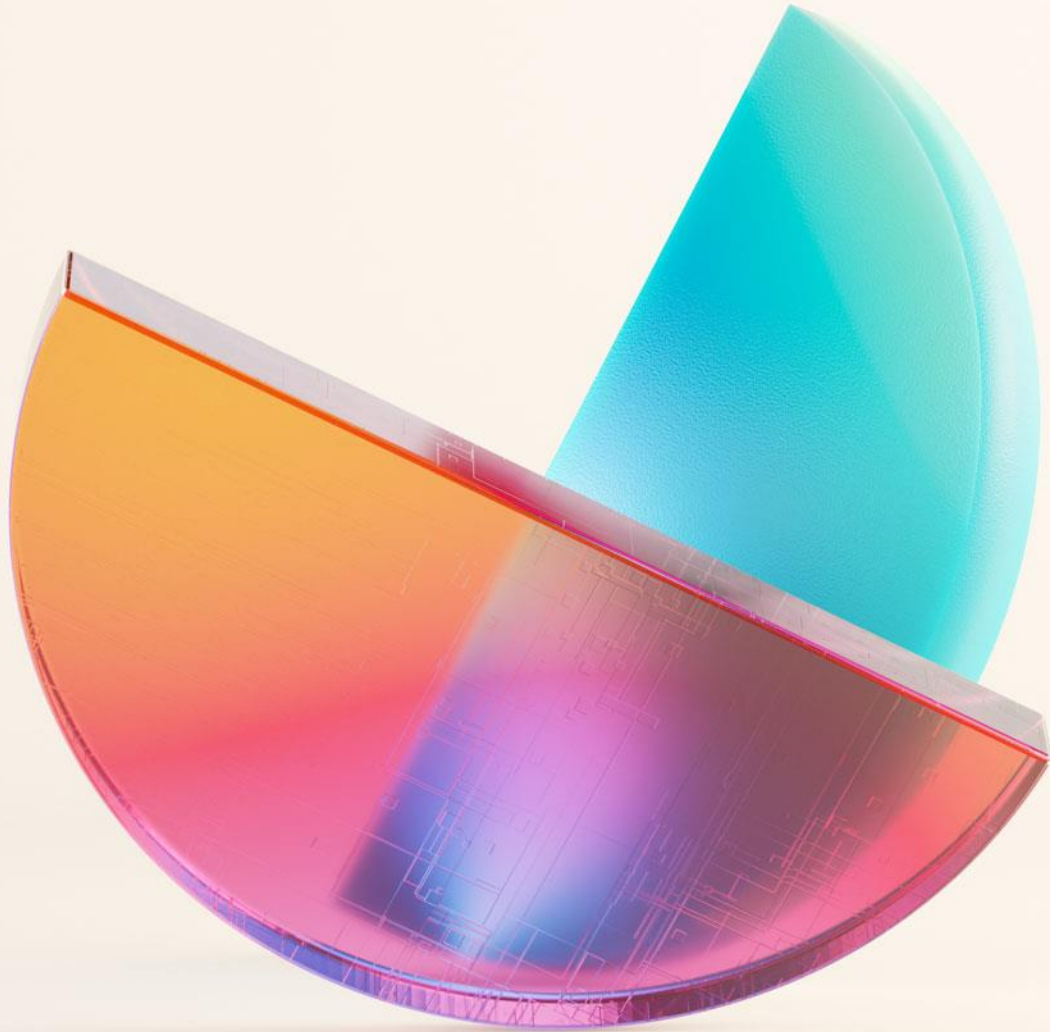




DataGrillen 2024



Deep Dive into Power BI Source Control

Mathias Thierbach & Gabi Muenster

Mathias Thierbach

Data Platform MVP, Power BI Contributor, Entrepreneur
London, UK

#TMDL #pbitools

 [linkedin.com/in/mthierba](https://www.linkedin.com/in/mthierba)

 pbi.tools



Gabi Muenster

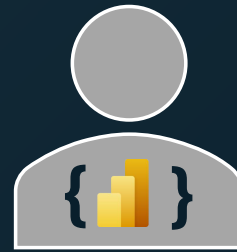
Senior Program Manager
Fabric CAT

in [linkedin.com/in/gabimuenster](https://www.linkedin.com/in/gabimuenster)





Microsoft
Fabric



Power BI Pro's

2023 was a landmark for Power BI Pro's

In Public Preview

- Developer mode
- TMDL language
- Git Integration
- Fabric APIs
- DAX query view
- Model explorer
- Multi-stage deployment pipelines

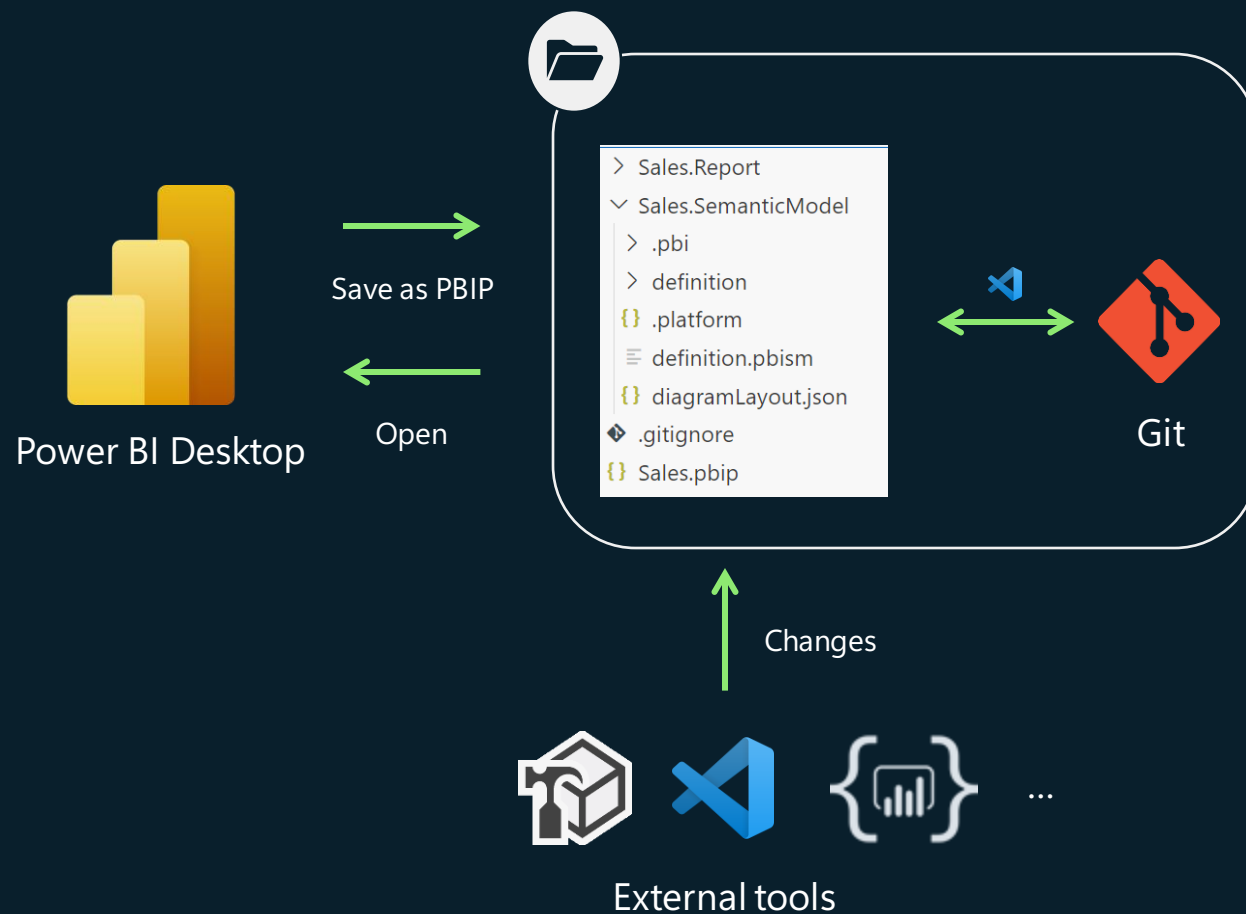
See <https://aka.ms/pbiblog> for the latest



Demos first,
theory later

Public Preview

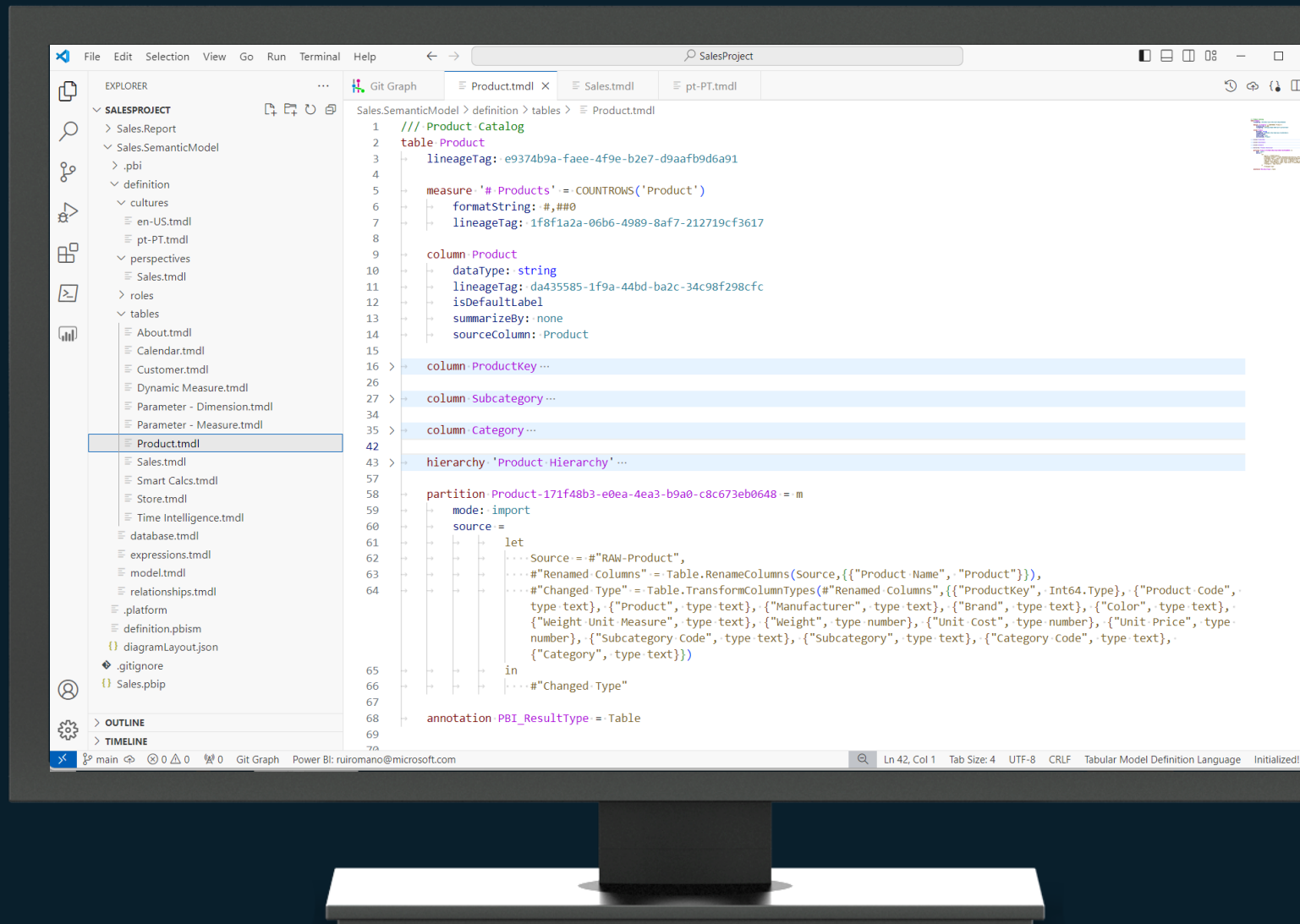
Power BI developer mode



Tabular Model Definition Language (TMDL)

Public Preview

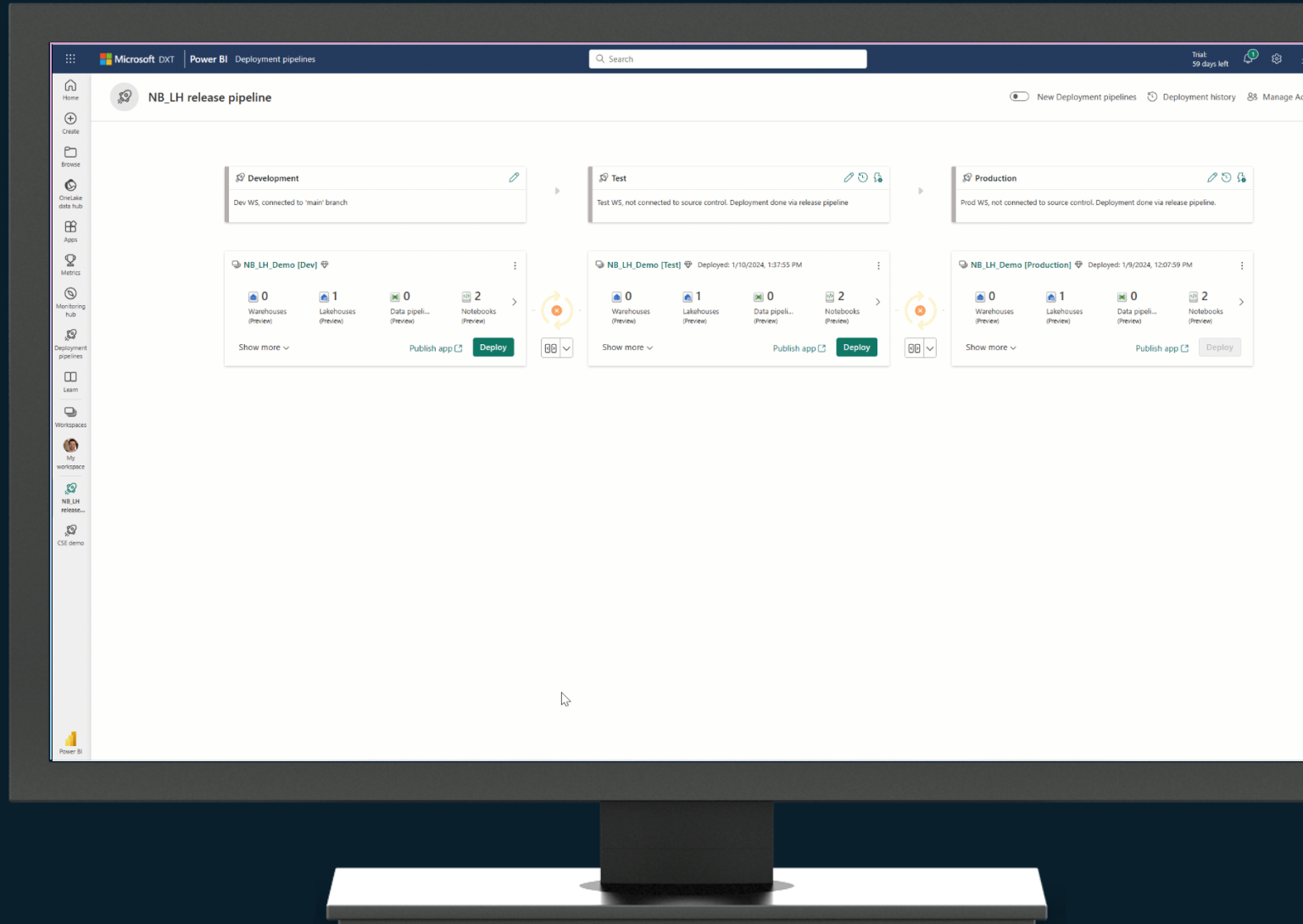
- **Readable & Editable** in any text editor
- Collaborative by default
- Easy reuse semantic model objects between models.



Deployment Pipelines

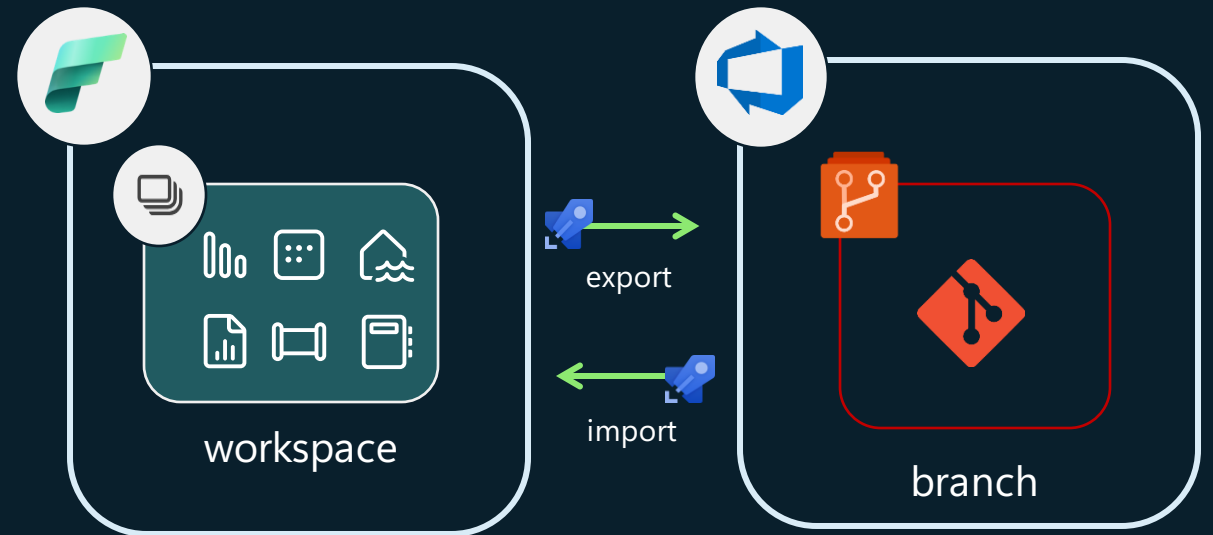
GA

- Deploy items across WSs, and apply rules on configuration
- Compare changes on code-level
- Support for 2-10 stages



Fabric Git integration

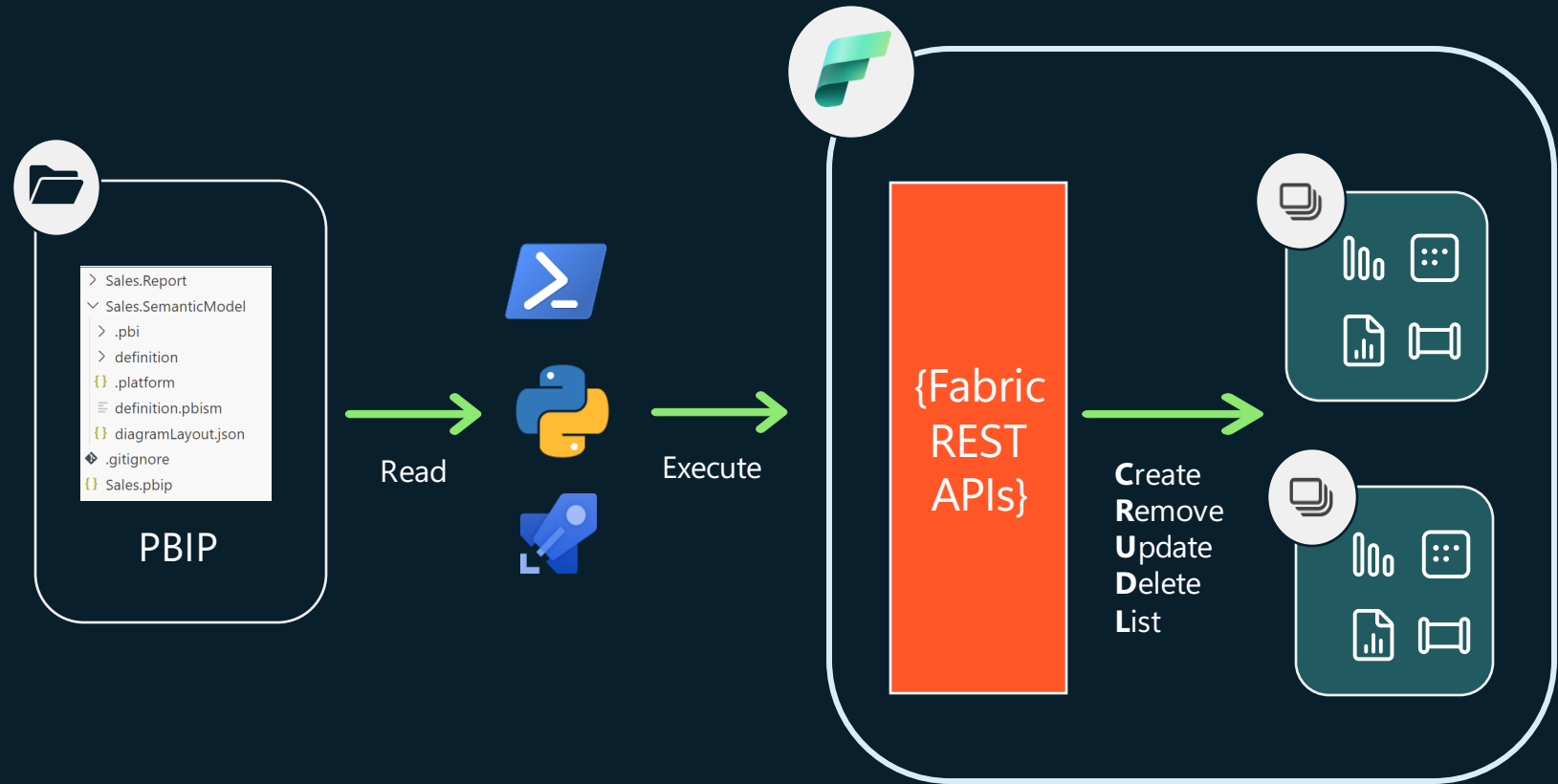
Public preview



Fabric REST APIs

- **Automation**
- **Deployment**
- **Item management**
- **Workspace management**
- **Execute item jobs**

Public preview



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2024 will be even better...

In Public Preview

- Developer mode
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Coming soon

- Power BI Report enhanced format (PBIR)
- Code first modeling with TMDL
- New items for Fabric CICD
 - E.g. DirectLake Mode
- Git branch out experience
- GitHub
- DirectLake in PBI Desktop

See <https://aka.ms/pbiblog> for the latest

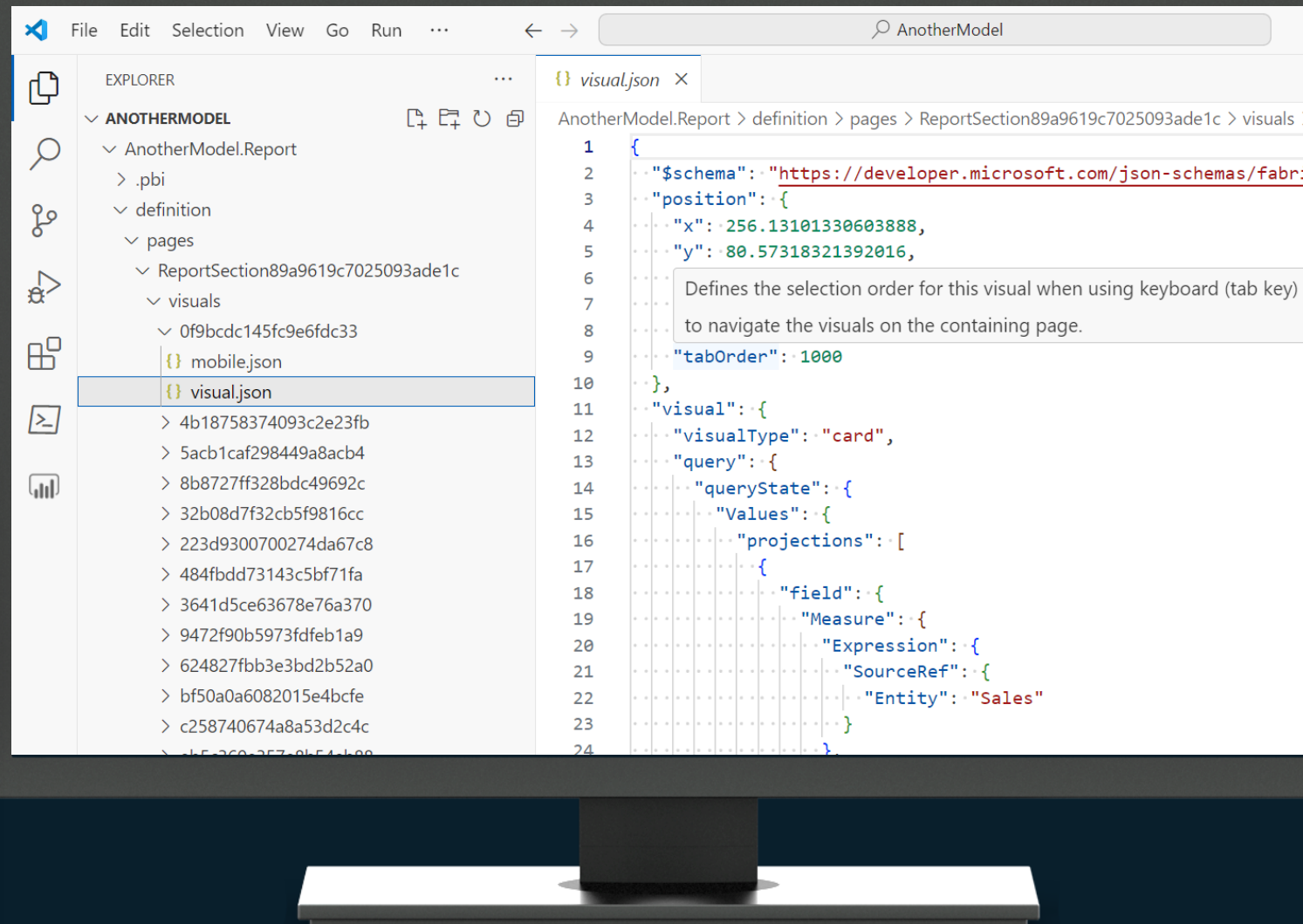
Power BI enhanced report format (PBIR)

Coming soon

- **Open & Public** format
- Source Control friendly
- Folder structure
- Scenarios
 - Copy pages/visuals/bookmarks between reports
 - Batch edits
 - ...

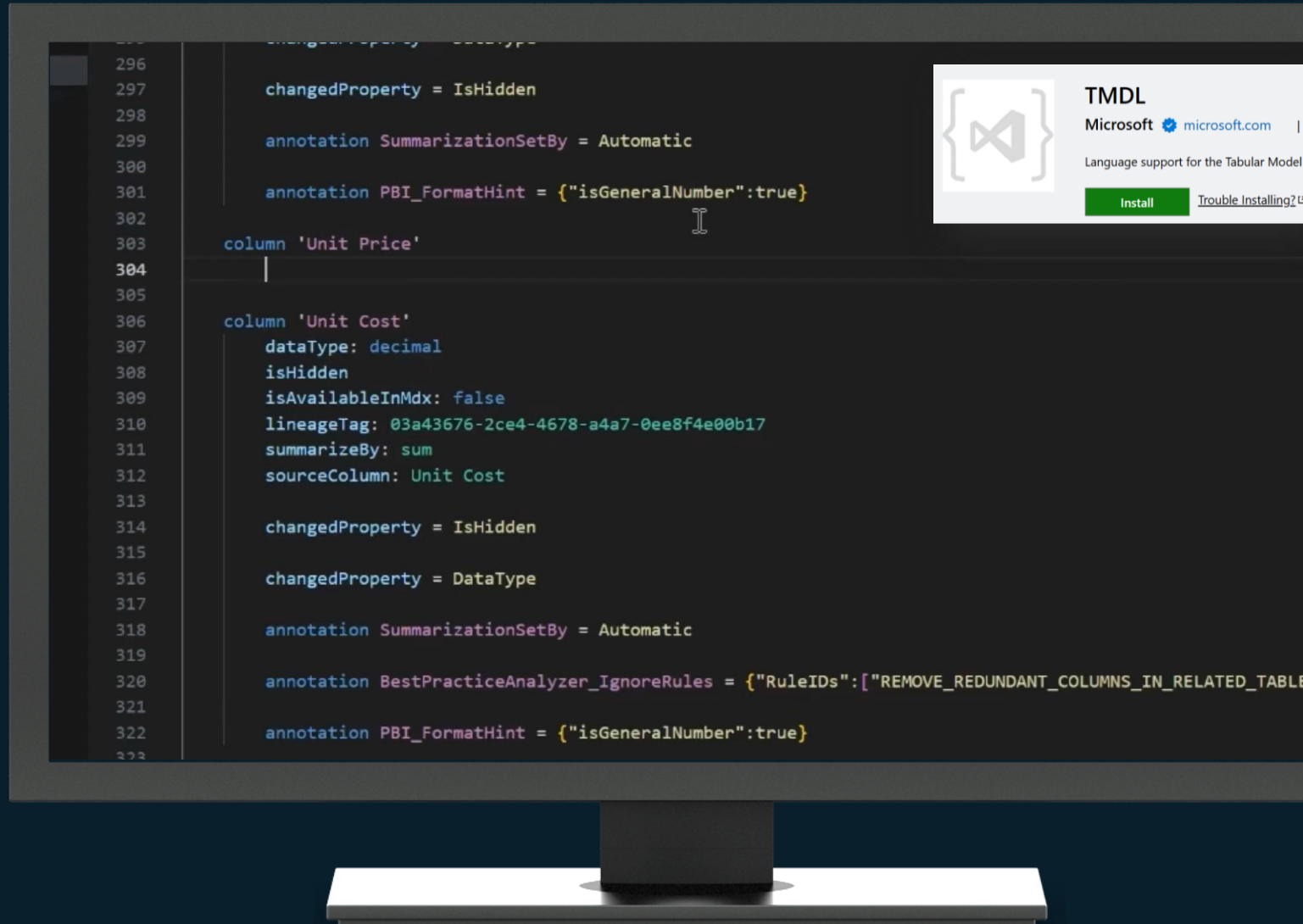


report.json



Coming soon

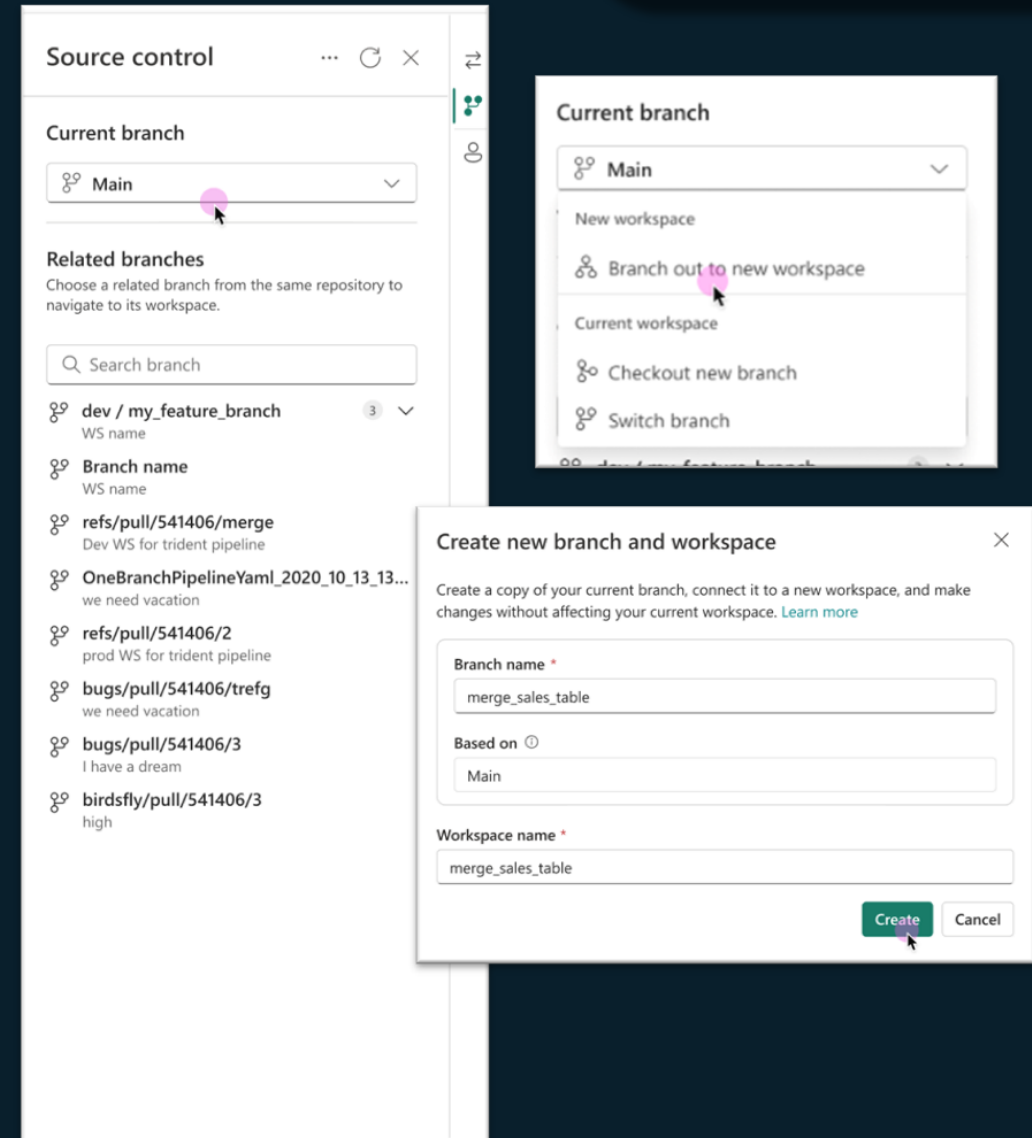
TMDL as rich
code-first
modeling
experience



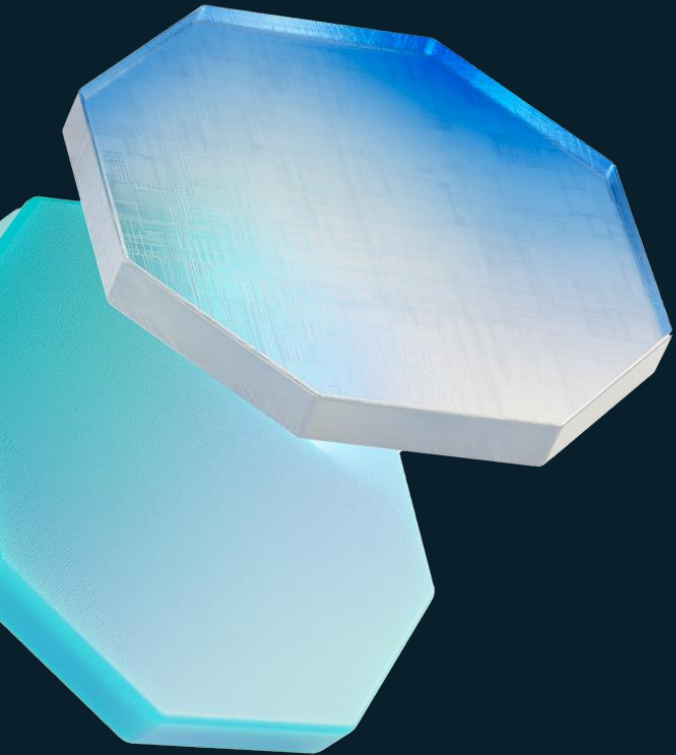
New branch out experience

- Create a new isolated work environment (workspace & branch) in a few clicks.
- Reduce friction of creating and connecting multiple branches and workspaces

Coming soon



Resources



- <https://aka.ms/pbidesktopdevmode>
- <https://aka.ms/gitintro>
- <https://learn.microsoft.com/en-us/rest/api/fabric/articles/using-fabric-apis>
- <https://aka.ms/fabricps-pbip>
- <https://github.com/RuiRomano/fabricnotebooks>
- <https://github.com/pbi-tools/sales-sample>



Thank you!