Use semantic link to create cross workspace report usage monitoring

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Me

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Work with Power BI, M, DAX, Azure Analysis Services, Fabric, PowerApps og Flow
Have been working Power BI since it beginning in the good old Microsoft Query and VBA days
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Catman Solution

We deliver Power BI as a service for CPG companies and some of reporting on Point of Sales data and market data for instance Nielsen IQ is hosted on our Power BI tenant

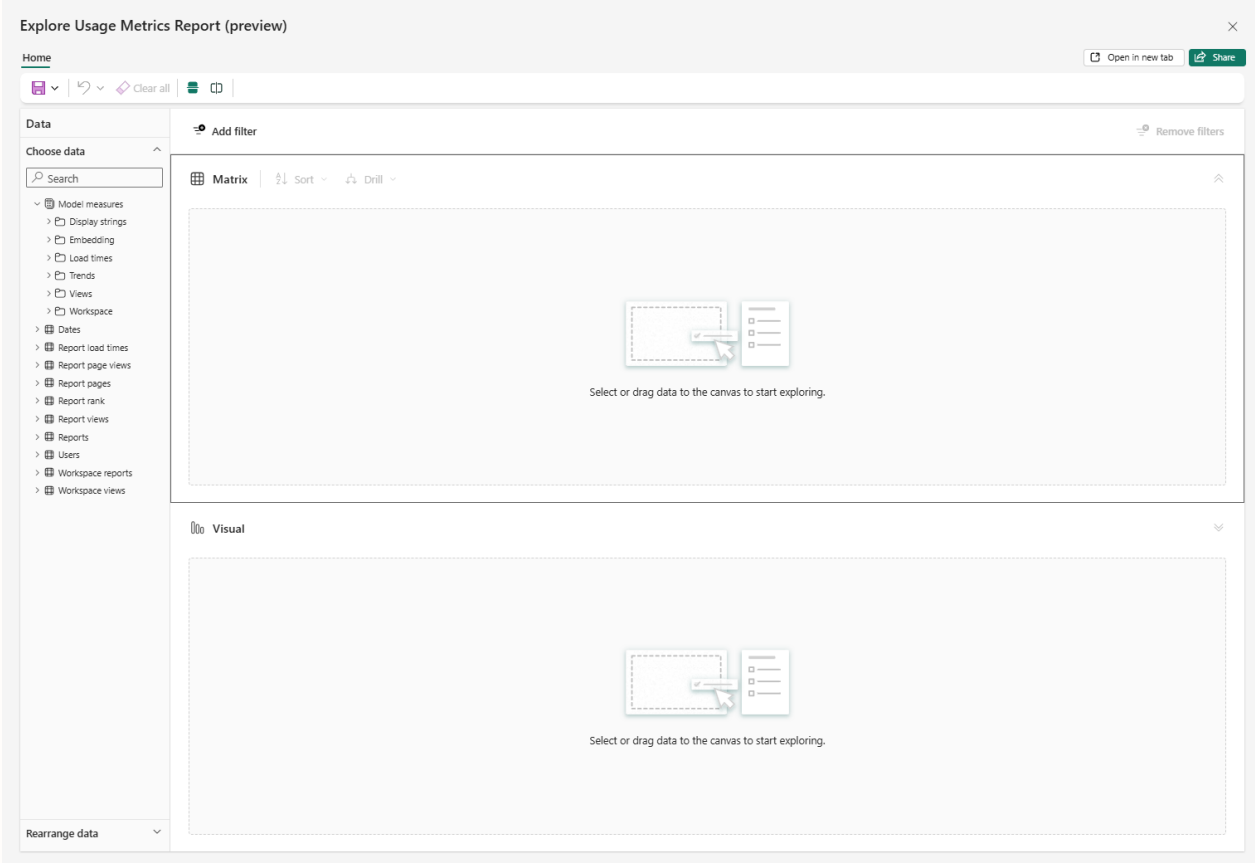
We have 6 different account managers that is responsible for the usage of each of client to see patterns in usage of our different reports

This ensures a high customer satisfaction and that the data we help them handle actually is being used to make better decisions faster

Wish from our account managers

They like the built-in new usage report but as customers have multiple workspaces and an account manager has up to 30 customers – they wanted one place to see how all their customers were using their reports

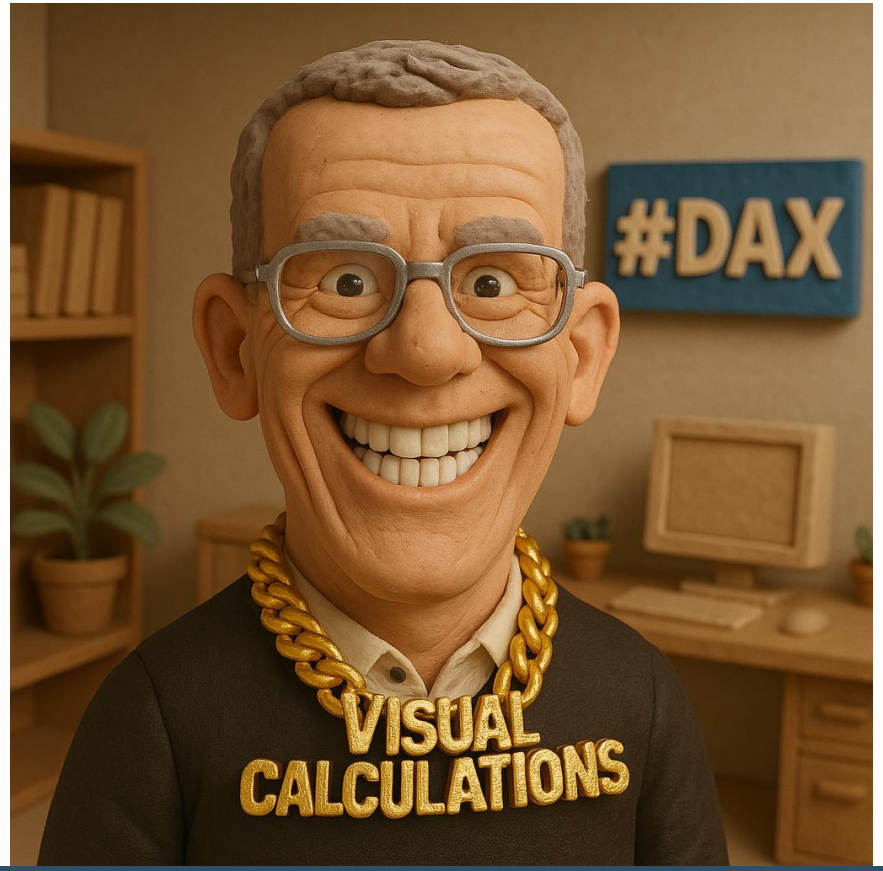
The model / data is already there in the workspace – but it is hidden



Step

1. Create a to store the data lakehouse
2. Create an environment with the semantic link library and semantic lab (environment is required to call from a pipeline)
3. Create a notebook to initially load and create lake house tables
   - workspaces
   - items in workspaces
   - reports (from usage report model)
   - report pages (from usage report model)
4. Create a notebook to load one day of report page views – parameter based – plus add new workspaces, items and reports and report pages
5. Create a pipeline to run the one-day notebook every day
6. Create a Power BI model and reports
7. Consider implementing row level security

Disclaimer - I am not a Python expert 😊



Demo of solution

Links

[Read data from semantic models and write data that semantic models can consume using python - Microsoft Fabric | Microsoft Learn]

Questions ?

Contact

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