Measure Killer

for Power BI & Microsoft Fabric Use Cases

1. POWER BI REPORT DEVELOPMENT
2. PERFORMANCE & COST (CUs)
3. GOVERNANCE & ADMINISTRATION
4. MIGRATION SCENARIOS

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REPORT DEVELOPMENT

1 MAINTAIN A CLEAN AND FAST REPORT

(Removing all unused measures, columns and tables)

- Semi-automatically (C# script + new M code)
- 1-Click Optimization (locally via .pbip or by writing to an online model)

2 EASILY FIND AND UNDERSTAND DEPENDENCIES

- Full measures and columns dependency tree view
- See which artifacts from your model are used on one page or in one visual

3 IMPACT ANALYSIS

- Easily search all DAX Code (tables, calc columns, measures)
- Search all M code (loaded and unloaded queries)

4 DOCUMENTATION

- Export to Excel for a wholistic documentation of report and semantic model
- Export to .json for advanced use cases

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PERFORMANCE & COST

1 Remove unused tables, columns and measures from all semantic models

- Drastically improves refresh times ($$$)
- Reduces load on data sources / warehouse / database ($$$)
- Can improve report speed ($$)
- Declutters your models

2 Remove unused columns and queries from Dataflows (Gen. 1 and Gen. 2)

- Drastically improves refresh times ($$$)
- Reduces load on data sources / warehouse / database ($$$)
- Declutters your models

3 Identifying badly built Power BI Reports & Semantic models (best practices etc.)

- Reduces load on your Fabric capacities ($$)
- Improves report speed and user experience ($)

4 Identifying unused reports (no views/consumption) in your tenant ($)

5 Refresh overview (avg duration etc.) for all semantic models and dataflows ($)

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GOVERNANCE & ADMINISTRATION

1 Summary of your Power BI / Fabric tenant

- See all workspaces and Fabric items (workspace type, capacity etc.)

2 Data lineage

- Get a lineage of all your connections/data sources and in which dataflows and semantic models they are used (segregated by gateway)
- Full lineage of your Power BI semantic models from data source to connected Power BI Report

3 Access

- See which user/group has access to which workspaces (incl. which permissions)
- Get granular view on access for semantic models, reports and all other Fabric items

4 DAX and M code tenant-wide

- Search through and export all DAX and M code from your tenant
- Find duplicate DAX expressions on a model- or tenant level
- Quickly check where a database view, table or role is used

5 Search for custom visuals on a tenant level

- Segregated into certified, non-certified and organizational visuals

6 Activity logs & consumption

- Finding ‘Analyze in Excel’ users
- Report consumption (number of report views)

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MIGRATION SCENARIOS

1 From Power BI Report Server -> PBI/Fabric

- Find out what part of your Report Server environment is used in connected Power BI and Paginated Reports

2 From SSAS (on-prem) -> PBI/Fabric

- Find out what part of your SSAS Tabular model is used in connected Power BI-, Paginated Reports and Analyze in Excel files
- Also tracking changes in DirectQuery semantic models

3 From AAS -> PBI/Fabric

- Find out what part of your AAS model is used in connected Power BI-, Paginated Reports and Analyze in Excel files
- Also tracking changes in DirectQuery semantic models

4 Moving DWHs or databases

- Get a full lineage from your databases to dataflows (Gen.1 and Gen.2) and semantic models / reports
- Migrate only the part of your database that is used in any downstream Power BI/Fabric items

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THANK YOU FOR WATCHING

Reach out

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Request trial