

# Power BI External



Nicky van Vroenhoven  
Powerdobs



# What Are Power BI

External     

# & How Can I Use Them?

# Today's Objectives

## External Tools

- Introduction
- Demo's

## Not

- Dashboard in a Day
- Extensive feature walk-throughs

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**creates.**

 **In Summa**

Goud  
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 **Kimura**

 **plainwater**  
de kracht van heldere data

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 **THE**  
**DATA**  
**COOKS**

 **Tabular Editor**

 **Datamanzi**

**Power BI**  
Connector by DAVISTA

 **MINOVA**

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 **DATA KINGDOM**

**volda;**  
INFORMATIESPECIALISTEN

**DashData.**

**VisionBI**   
Smart Data Experts

 **easydash**

# Nicky van Vroenhoven



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Data Platform MVP



# What Are Power BI External Tools?

Mostly free tools, integrating with Power BI Desktop's modeling and reporting features

## Categories

- Semantic Modeling
- Analysis & Documentation
- Miscellaneous
- *Custom*

Not supported in PBID for Report Server

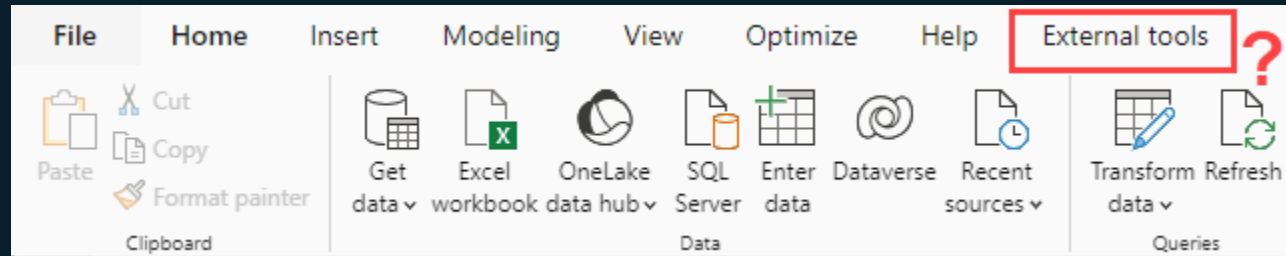
# What External Tools Are There?

- PowerBI.tips Business Ops



# How do I **install** external tools

- Where is the #%\$@# External Tools menu?!



- Create a \*.pbtool.json
  - Automatically
  - Manually



# How do I **remove** external tools?

- Automatically by uninstalling the external tool
- Manually remove the \*.pbtool.json

# How do I **disable** external tools?

- Enabled by default (after installation 😊)
- Disabled by
  - Group Policy
  - Registry Key **EnableExternalTools**



Bravo



Tabular Editor



DAX Studio



Power BI Explorer



ALM Toolkit



Measure Killer

# Bravo



Created by SQLBI, free and open-source

## Features

- Analyse Model
- Format DAX
- Manage dates
- Export data

Bravo



Size.  
Does.  
Matter.



# DAX Studio



Created by Darren Gosbell, free and open-source

## Features

- Writing, executing and analysing DAX queries
- Vertipaq Analyzer

## Advanced

- Query traces with server timings and query plans
- Query benchmarking

# ALM Toolkit

Created by Christian Wade, free and open-source

- Started as BISM Normalizer

## Features

- *Database* compare (so no reports/visuals)
- Code merging
- Easy deployment

## Advanced

- Also available as a VS extension

# Tabular Editor 2

Created by Daniel Otykier, free and open-source

## Features TE2

- Manipulate measures, calculated columns, display folders, calculation groups, perspectives and translations
- Copy measures between files, drag and drop to another table
- Best Practice Analyzer

## Paid version TE3

- VS-like interface, IntelliSense, diagram view, DAX scripting and more



# Power BI Explorer



- Created by Tabular Tools, free

## Features

- Inspect differences between report versions
- Report usage of your model
  - Also supports bookmarks and filters
- Best Practice Analyzer for reports

# Measure Killer



- Created by (Gregor) Brunner BI, free (with paid features)

## Features

- Analyse and clean-up unused artifacts
- Also report-level and visuals
- Restore removed artifacts

## Paid

- Online analysis
- Tenant analysis
- Admin mode

# Conclusion



# Recommendations

- [powerbi.tips](https://powerbi.tips): Business Ops
- Power BI Performance Tuning course: [sqlgene.com](https://sqlgene.com)
- [SQLBI.com](https://SQLBI.com)

# Resources

- <https://learn.microsoft.com/en-us/power-bi/transform-model/desktop-external-tools>
- <https://bravo.bi/>
- <https://daxstudio.org/>
- <http://alm-toolkit.com/>
- <https://tabulareditor.com/>
- <https://www.pbiexplorer.com/>
- <https://en.brunner.bi/measurekiller>

## Session evaluation



## Event evaluation



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Data Platform MVP

## Session



## Event

