Write-back with Power Apps in Power BI

Nicky van Vroenhoven

Who Are You? bit.ly/write-back

Met dank aan onze partners

Platinum partners

ilionx

Dynamic People

Motion10

Gold partners

VALID STAY AHEAD

KASPAROV FINANCE & BI

Nova Silva

TIMEXTENDER

GET RESPONSIVE

Met dank aan onze partners

Silver partners

macaw
Challenge accepted.

BIP BI Partners
Data as a Service & Rapportage

Quanto
collective analytics

CONSPECT
CONSULTING & ICT

Rubicon
Consulting & Technology

VX COMPANY
achieve more.

hillstar

VICTA
BUSINESS INTELLIGENCE

KPI Solutions
Business Intelligence

infoSupport
Solid Innovator

rockfeather

iqbs

Community partners

creates.

EQ

Smart.
wortell

MINOVA
Management Information Consulting

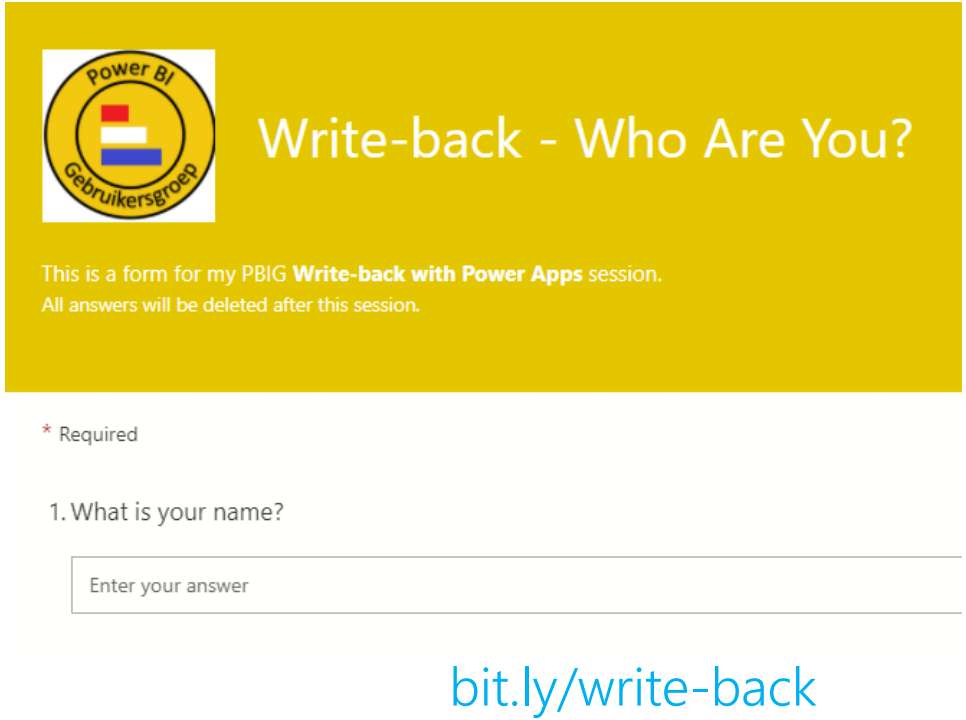
Power BI
Connector

volda;
INFORMATIESPECIALISTEN

arthur graus

Who Are You?

How-to: nickyvv.com/2019/12



bit.ly/write-back

Nicky van Vroenhoven

Unit Lead Power BI
Powerdobs

Microsoft Partner
Microsoft
Gold Data Analytics
Silver Application Integration

@NickyvV

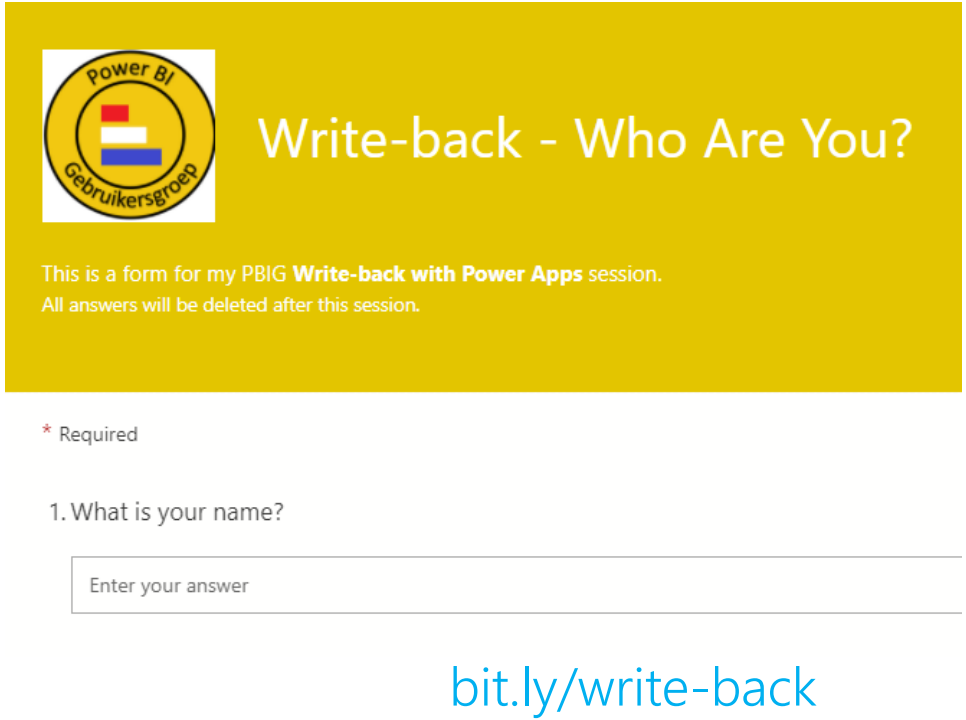
nickyvv.com

Power BI Super User
community.powerbi.com

Microsoft Most Valuable Professional
Data Platform MVP

Who Are You?

How-to: nickyvv.com/2019/12



bit.ly/write-back

Microsoft Power Platform: Better Together

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications

Innovation anywhere. Unlocks value everywhere.

Microsoft Power Platform: Better Together

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications

Innovation anywhere. Unlocks value everywhere.

Power BI
Business analytics

Power Apps
Application development

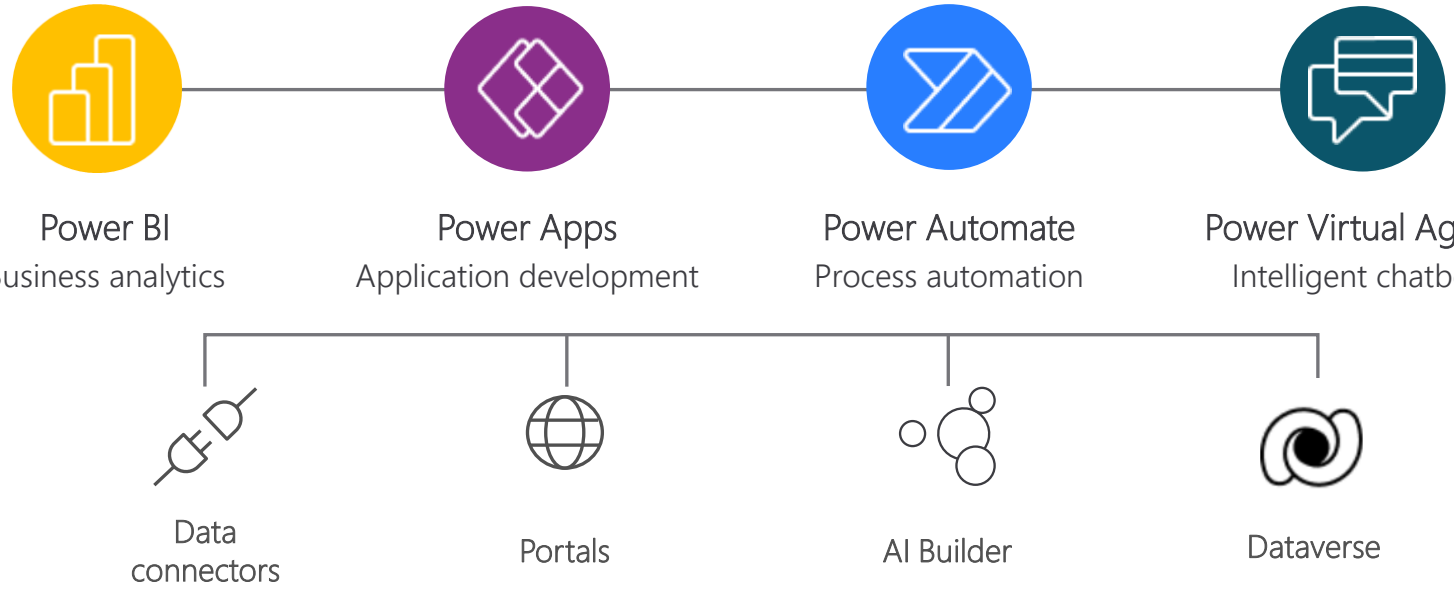
Power Automate
Process automation

Power Virtual Agents
Intelligent chatbots

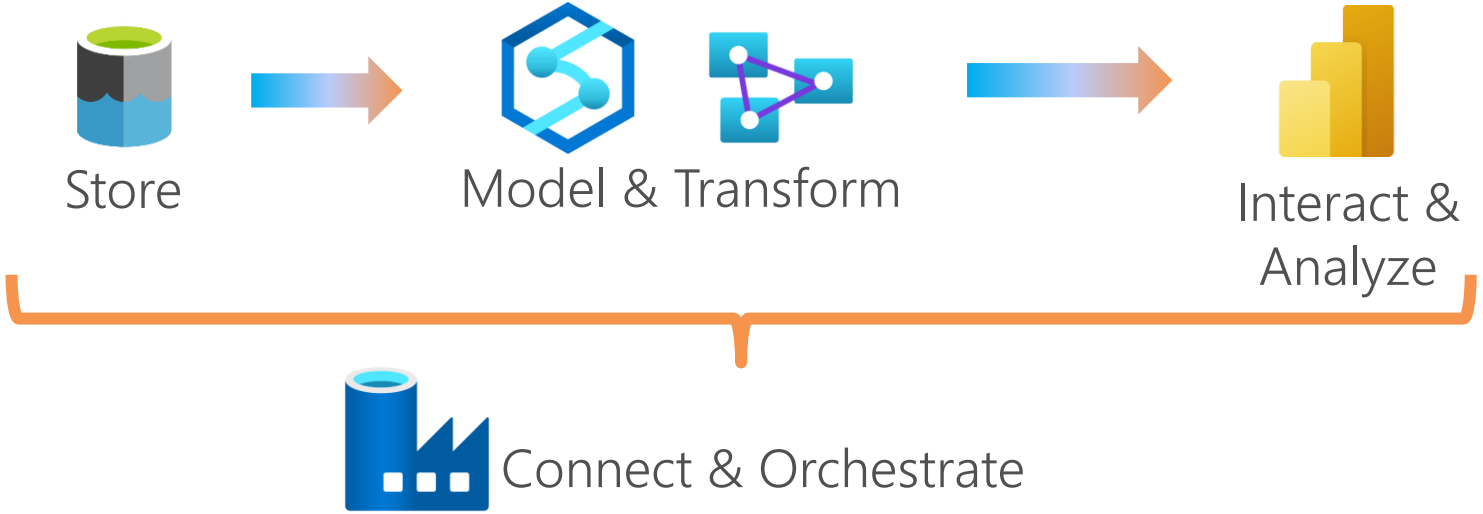
Microsoft Power Platform: Better Together

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications

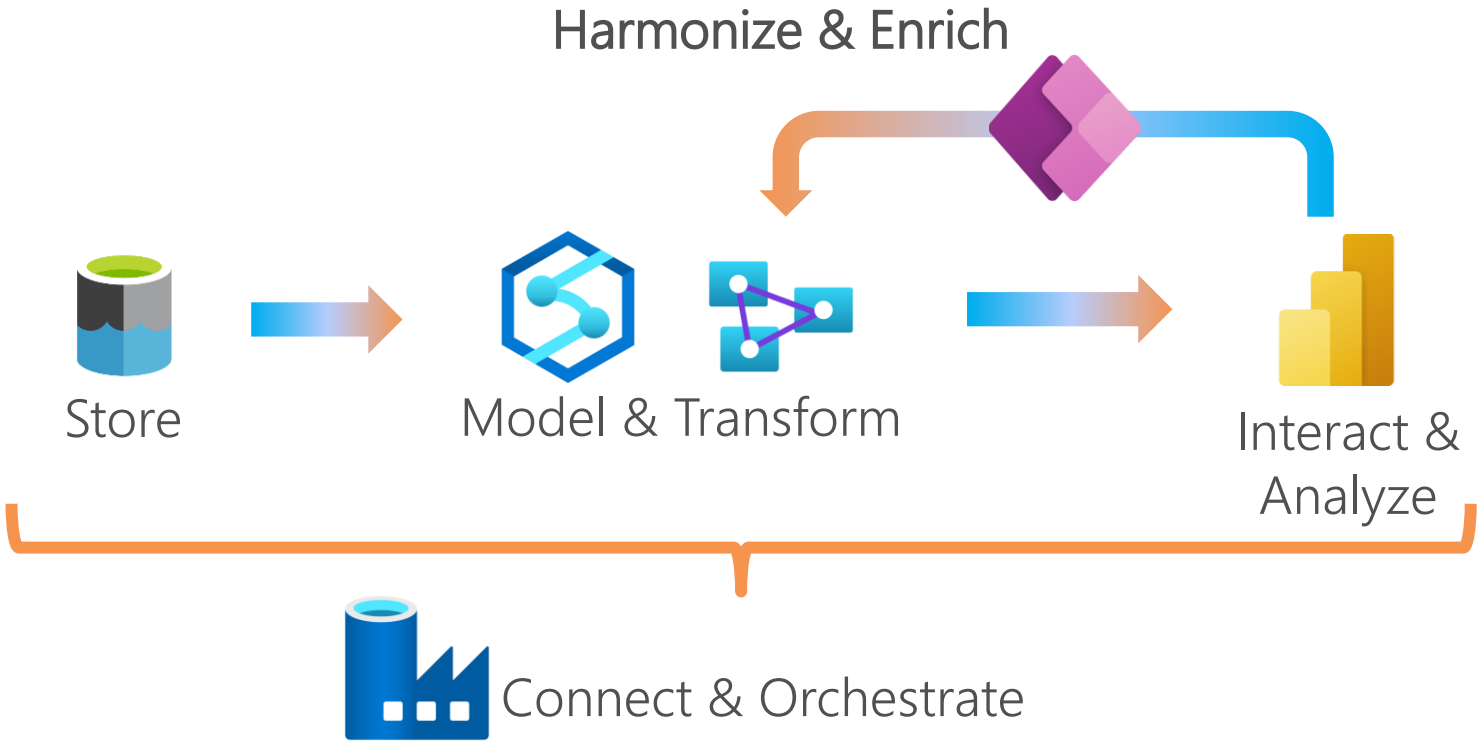
Innovation anywhere. Unlocks value everywhere.



Power Apps for your Data platform



Power Apps for your Data platform

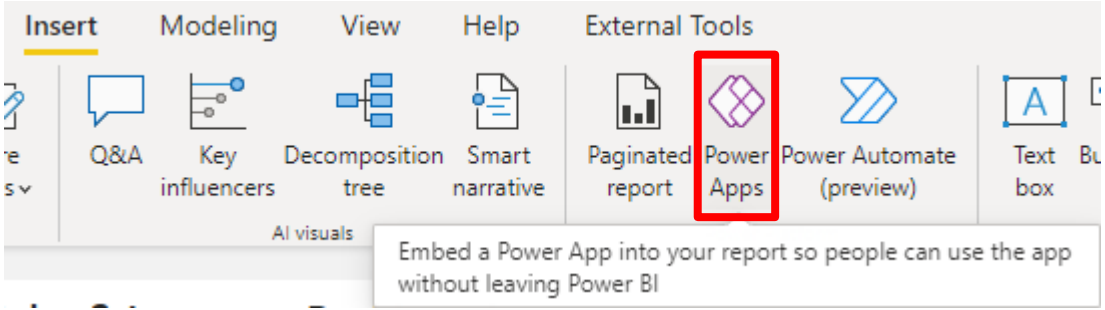


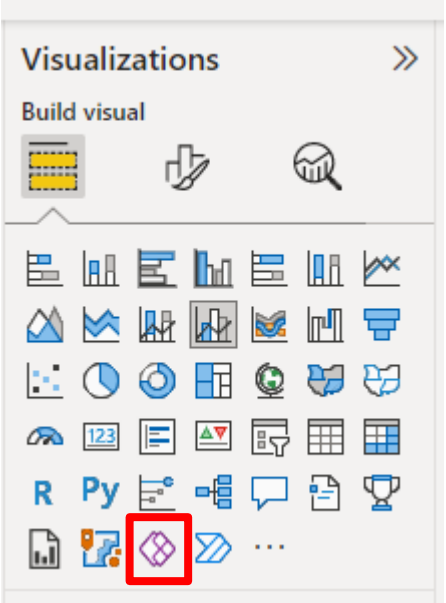
Power Apps in Power BI

- Where, how, why

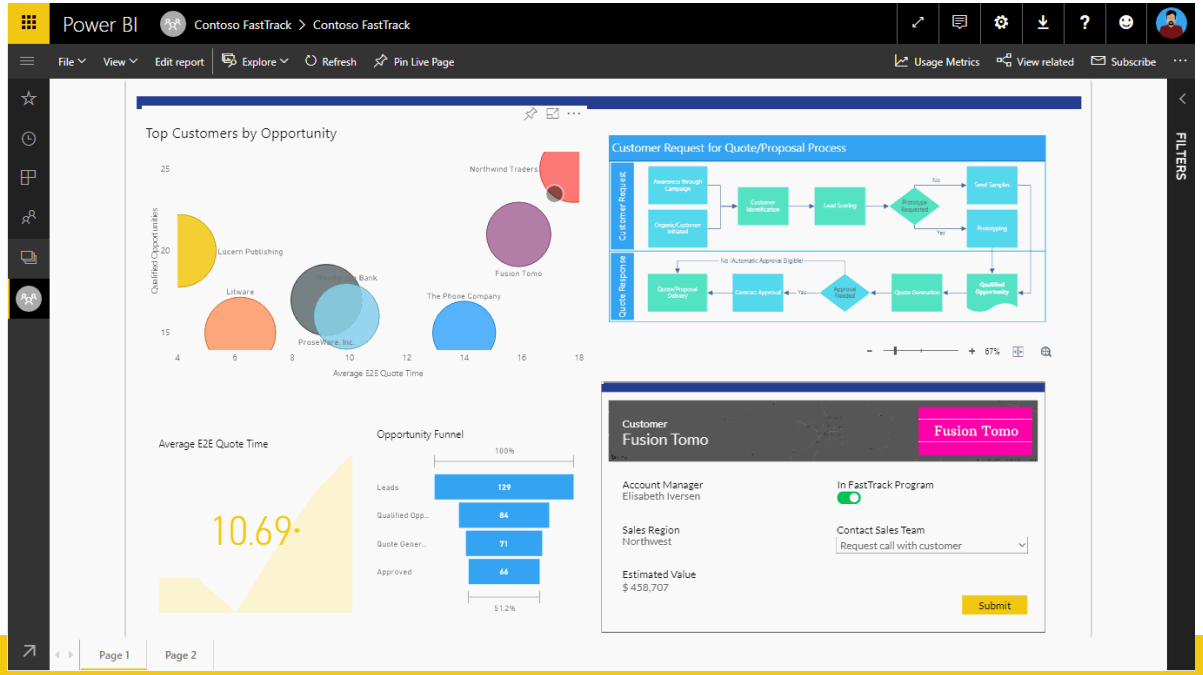
Power Apps Visual in Power BI

- Power Apps default Visual





Power Apps Visual in Power BI

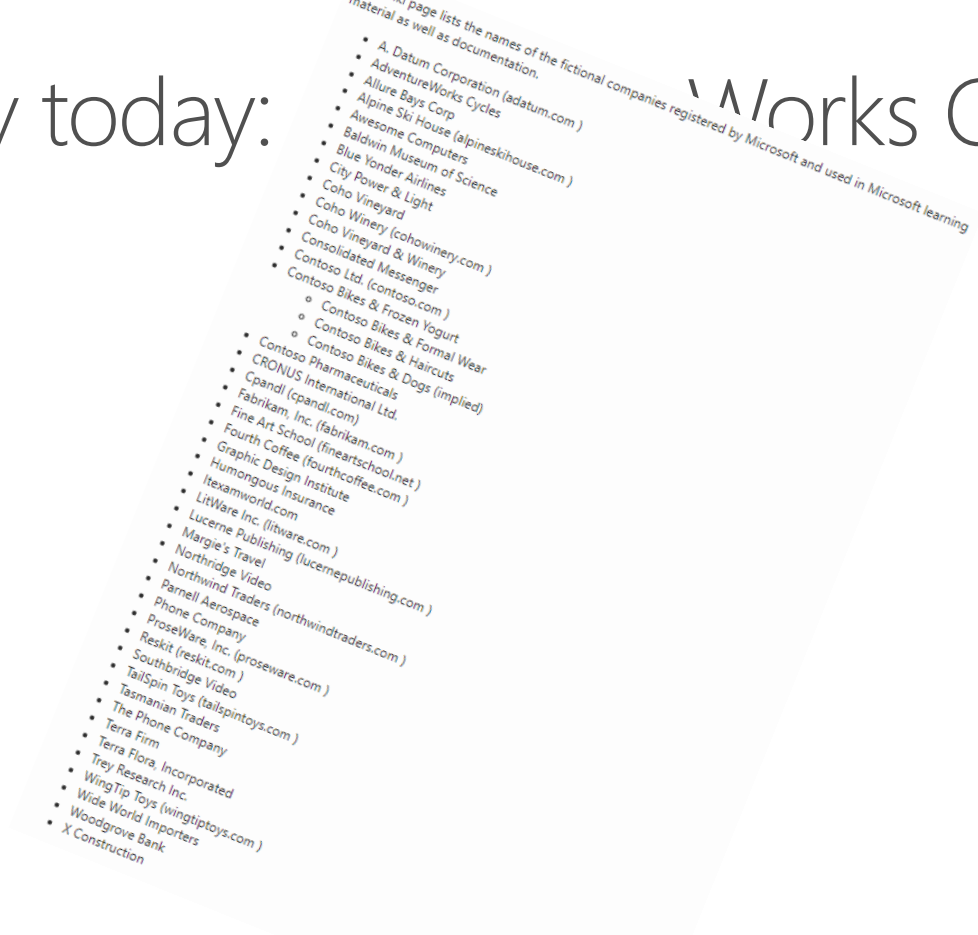


Power Apps Visual in Power BI

- Power Apps default Visual
- Online development
- Edit data “in a Power BI report”
- DirectQuery mode for *live* edits

The story today: AdventureWorks Cycles

The story today: Works Cycles


page lists the names of the fictional companies registered by Microsoft and used in Microsoft learning material as well as documentation.

- A. Datum Corporation (adatum.com)
- AdventureWorks Cycles
- Allure Bays Corp
- Alpine Ski House (alpineskihouse.com)
- Awesome Computers
- Baldwin Museum of Science
- Blue Yonder Airlines
- City Power & Light
- Coho Vineyard
- Coho Winery (cohowinery.com)
- Coho Vineyard & Winery
- Consolidated Messenger
- Contoso Ltd. (contoso.com)
  - Contoso Bikes & Frozen Yogurt
  - Contoso Bikes & Formal Wear
  - Contoso Bikes & Haircuts
  - Contoso Bikes & Dogs (implied)
- Contoso Pharmaceuticals
- CRONUS International Ltd.
- Cpandl (cpandl.com)
- Fabrikam, Inc. (fabrikam.com)
- Fine Art School (fineartschool.net)
- Fourth Coffee (fourthcoffee.com)
- Graphic Design Institute
- Humongous Insurance
- Itexamworld.com
- LitWare Inc. (litware.com)
- Lucerne Publishing (lucernepublishing.com)
- Margie's Travel
- Northridge Video
- Northwind Traders (northwindtraders.com)
- Parnell Aerospace
- Phone Company
- ProseWare, Inc. (proseware.com)
- Reskit (reskit.com)
- Southbridge Video
- TailSpin Toys (tailspintoys.com)
- Tasmanian Traders
- The Phone Company
- Terra Firm
- Terra Flora, Incorporated
- Trey Research Inc.
- WingTip Toys (wingtiptoys.com)
- Wide World Importers
- Woodgrove Bank
- X Construction

The story today: AdventureWorks Cycles

- Produces bikes and parts
- Central holding & franchises
- Franchisees have a periodic contract
- Back to the ~~future~~ past: end of the year

The story today: Mr. B.

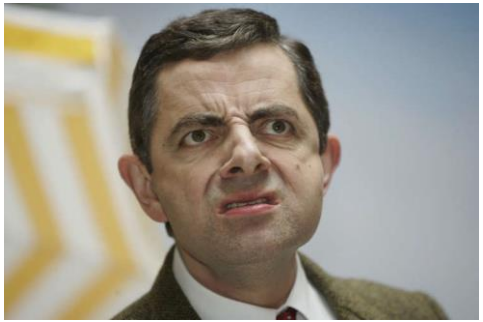
Nice (expensive) bike!

The story today: Mr. B.

Nice (expensive) bike!

Manufactured in factory

The story today: Mr. B.

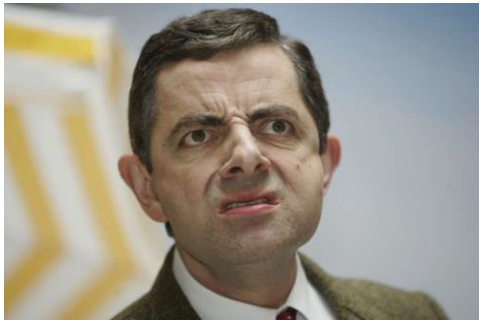


Nice (expensive) bike!

Ordered by franchisee, how much again...??

Manufactured in factory

The story today: Mr. B.



Nice (expensive) bike!

Manufactured in factory

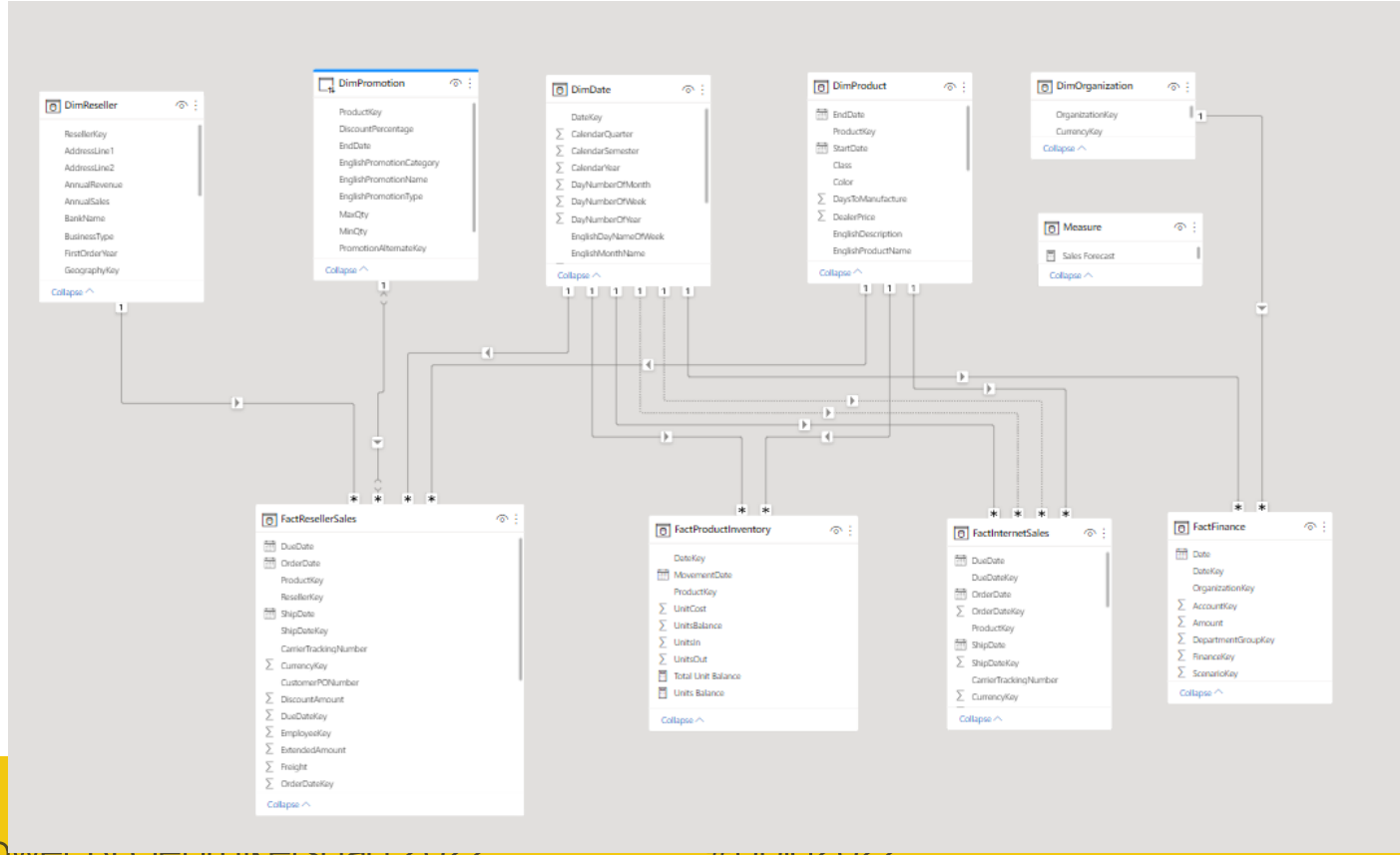
Ordered by franchisee, how much again...??

Contract non-negotiable

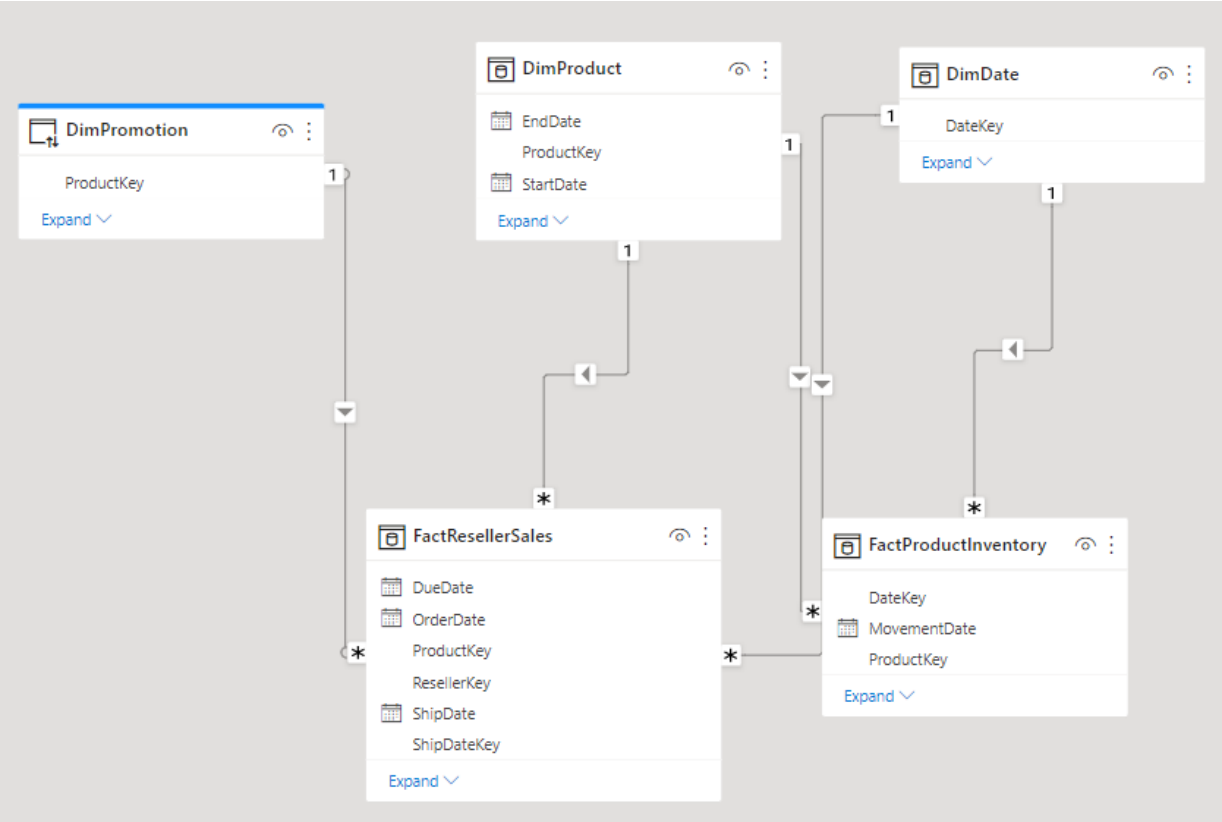
The solution today: Sales Promotions

- Sales and Inventory Dashboard
- Develop an app
  - Promotions
  - Sales forecast

The solution today: Data model



The solution today: Data model



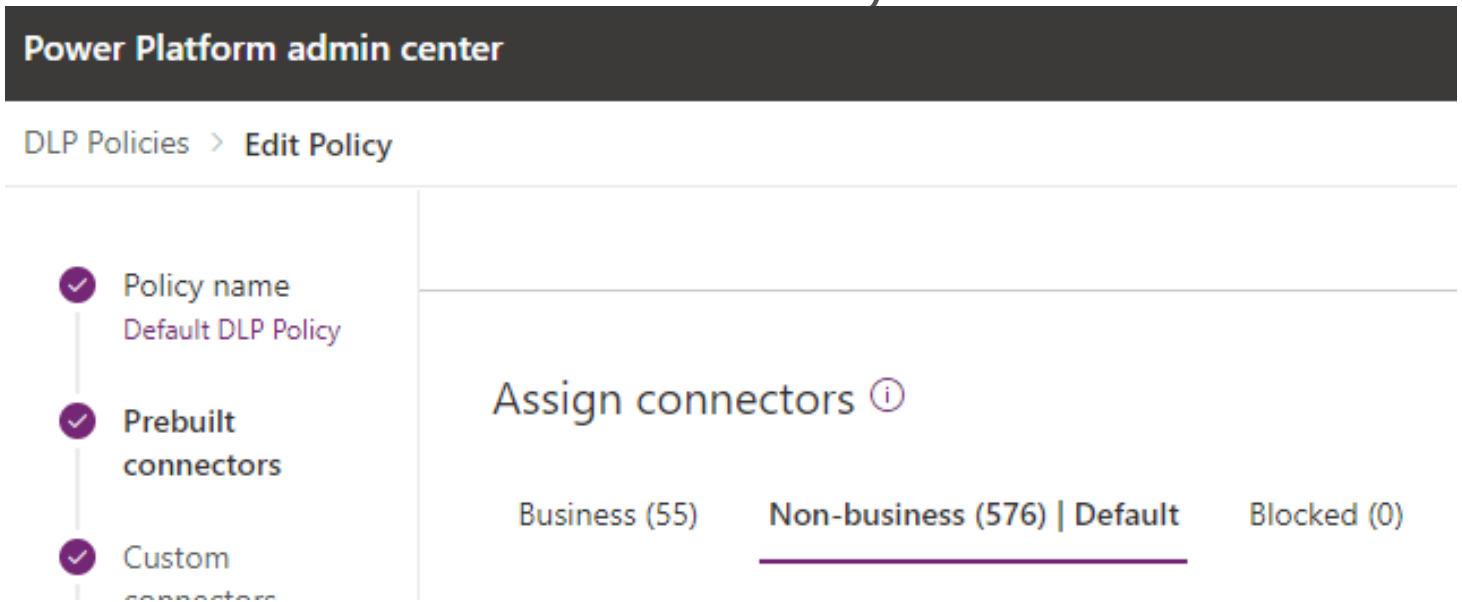
Demo Time!

Gotchas

- Licensing connectors
  - Standard
    - Excel Online, SharePoint
    - Microsoft Forms, ToDo, Outlook
    - Power Platform products, Teams
  - Premium
    - Azure (Data Factory, Data Lake, DevOps, …)
    - SQL Server

Gotchas

- Data Loss Prevention Policy



Limitations

- # of records
- Power Apps can’t filter data in Power BI
- Share the Power App separately
- N/A in Power BI Report Server

Other use cases

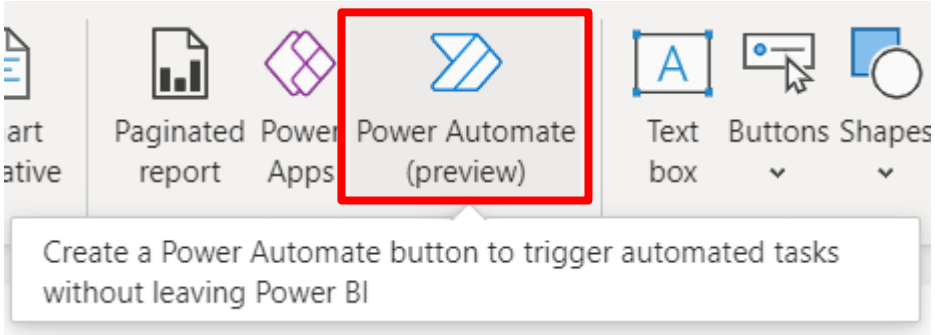
- Data quality/harmonization
- Power BI Report comments/feedback
- …

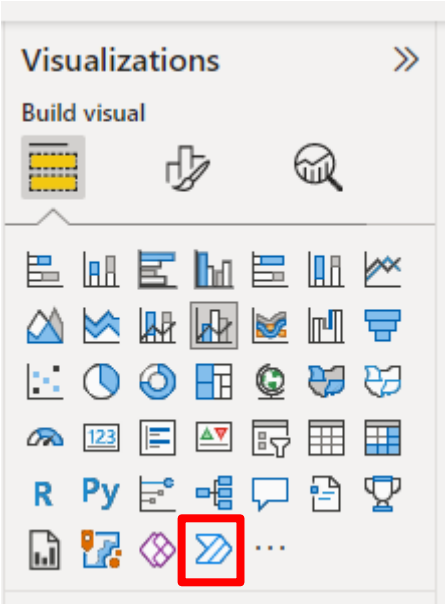
Take a look at the community forum for inspiration:
https://community.powerbi.com/t5/Power-Platform-Integration/ct-p/pbi_integration

But, there's more…

Power Automate Visual in Power BI

- What, how





- Run a flow from a button inside Power BI

Resources

- Getting started with PowerApps
- Limitations of the Power Apps visual
- Modify individual cells without write permissions in Power BI | Write back in Power BI
- Create a PowerApp from scratch that refreshes a dataset in Power BI using PowerBIIntegration.Refresh
- Writeback Comments in Power BI Using Power Apps

Bedankt!
Thank you!

Vul alsjeblieft de evaluatie in

Please fill in the evaluation

Thank you

and let's connect!

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@NickyvV

www.linkedin.com/in/nickyvanvroenhoven/

Powerdobs.nl

Evaluation