



POWER BI

Waarom is dit de beste BI-tool voor jouw organisatie!





rockfeather

DAVID GOEDHART





DOEL VAN DE SESSIE

- ❖ Introductie van Power BI
- ❖ Raak bekend met Power BI
- ❖ Is Power BI een tool voor jouw organisatie?

MAGIC QUADRANT FOR ANALYTICS AND BI PLATFORMS 2020-2022



MS ARCHITECTUUR



Power Apps
App ontwikkeling



Power Automate
Proces automatisering



Power BI
Rapporteren (Business Analytics)



Power Virtual Agents
Low code chatbots



Dataverse
Database



500+ connectoren
API, kant en klaar



AI Builder
Low code Artificial Intelligence ontwikkelaar

Focus van
vandaag

COLLECT

Online Data



- Azure
- SharePoint
- Dynamics
- API

Offline Data



- Excel
- SQL server
- SSIS, SSRS, SSAS

BUILD

Power BI Desktop



- Bouwen van Dashboards
- Power Query

Zebra BI



- IBCS®

Power BI Report Builder



- Maken van rapporten

PUBLISH

Security



- Row Level Security

Data Gateway



- Offline data bronnen

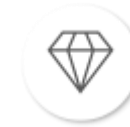
ACCESS

Power BI Online



- Werkruimten
- Rapporten
- Dashboards
- Apps

Power BI Premium



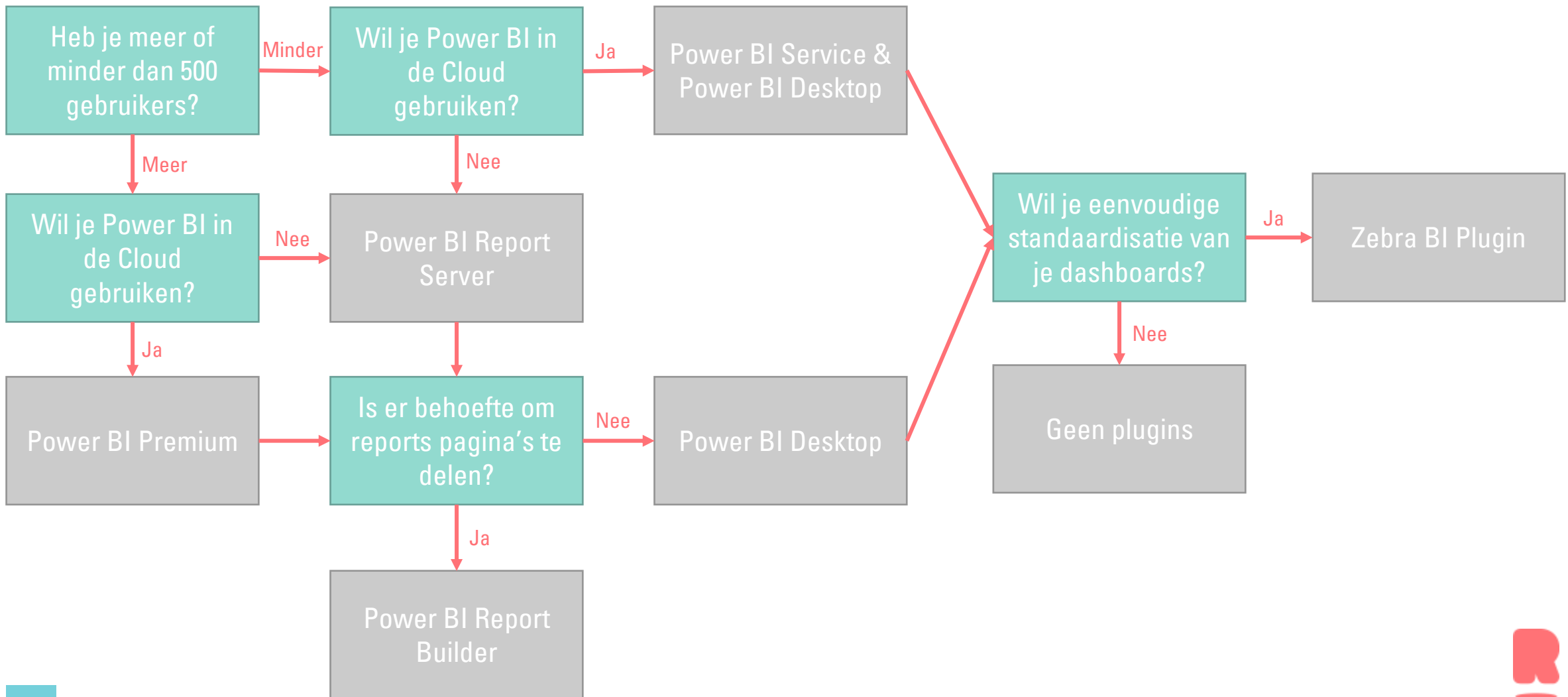
- Toegewezen cloudcapaciteit A.I.

Power BI Report Server

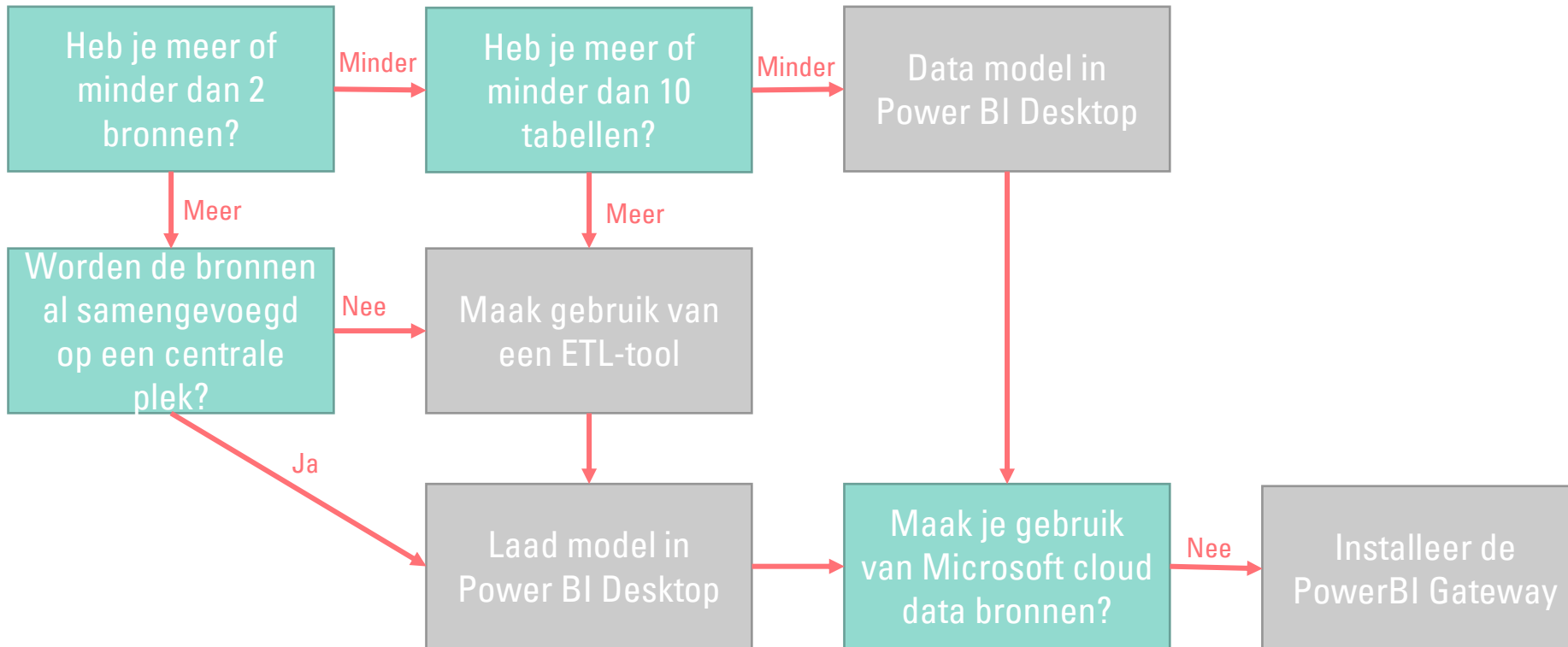


- On-premise

POWER BI



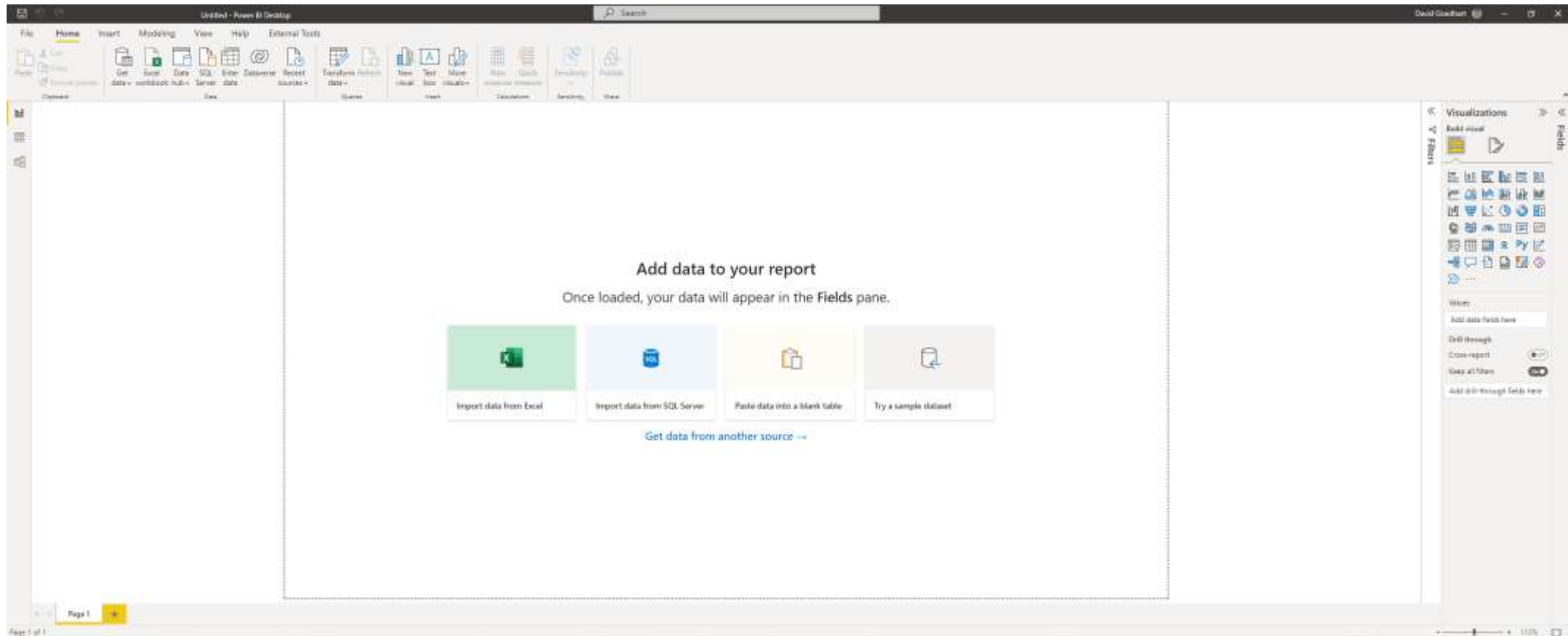
DATA



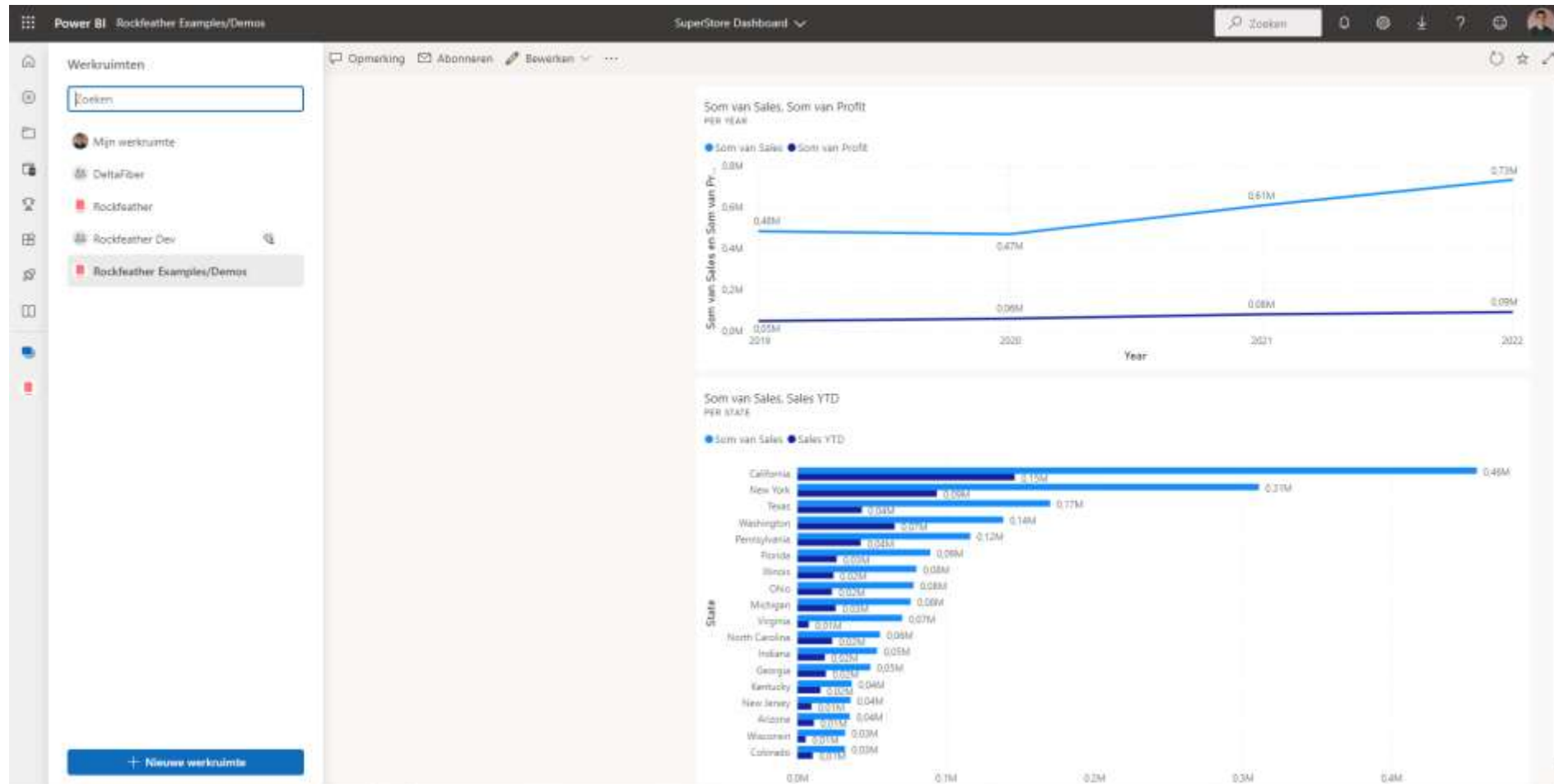
POWER BI DESKTOP

Gratis tool voor het ontwikkelen van dashboards

Power BI desktop en Power Query



POWER BI ONLINE

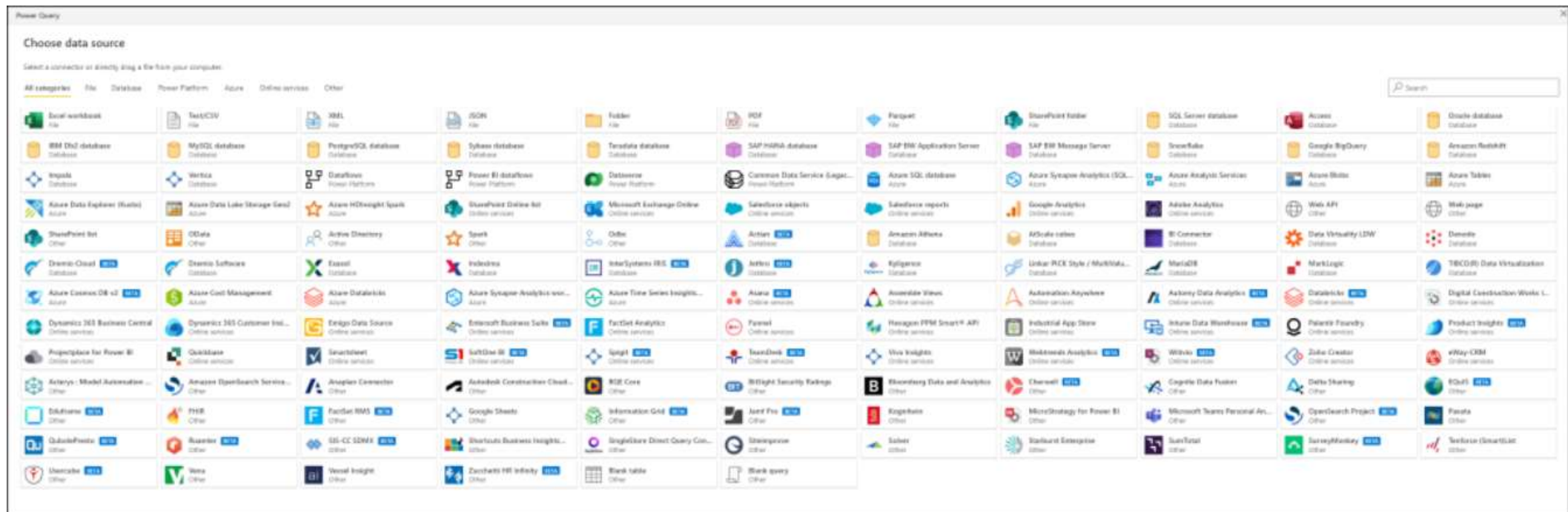


OFFLINE & ONLINE DATA SOURCES

Ruim aanbod aan connectoren

Mogelijk om online en offline bronnen te combineren

Rekening houden met de gateway bij offline bronnen



ROW LEVEL SECURITY

Goed data model nodig

Handig voor bijvoorbeeld een sales team vanuit verschillende landen en/of regio's

Manage roles

Roles

Sales NL

Create

Delete

Tables

Dashboard Measures

DIM_Customers

DIM_Date

DIM_Product

DIM_Team

DIM_Warehouse

Fact_Sales

Fact_TransportOrders

Last Refresh

Metric

Product Hierachy

PVMC

PVMC Type

Sales Budget

Sales Forecast

Second Date

Second Date Intellioence

Table filter DAX expression

```
[Country] = "Nederland"
```

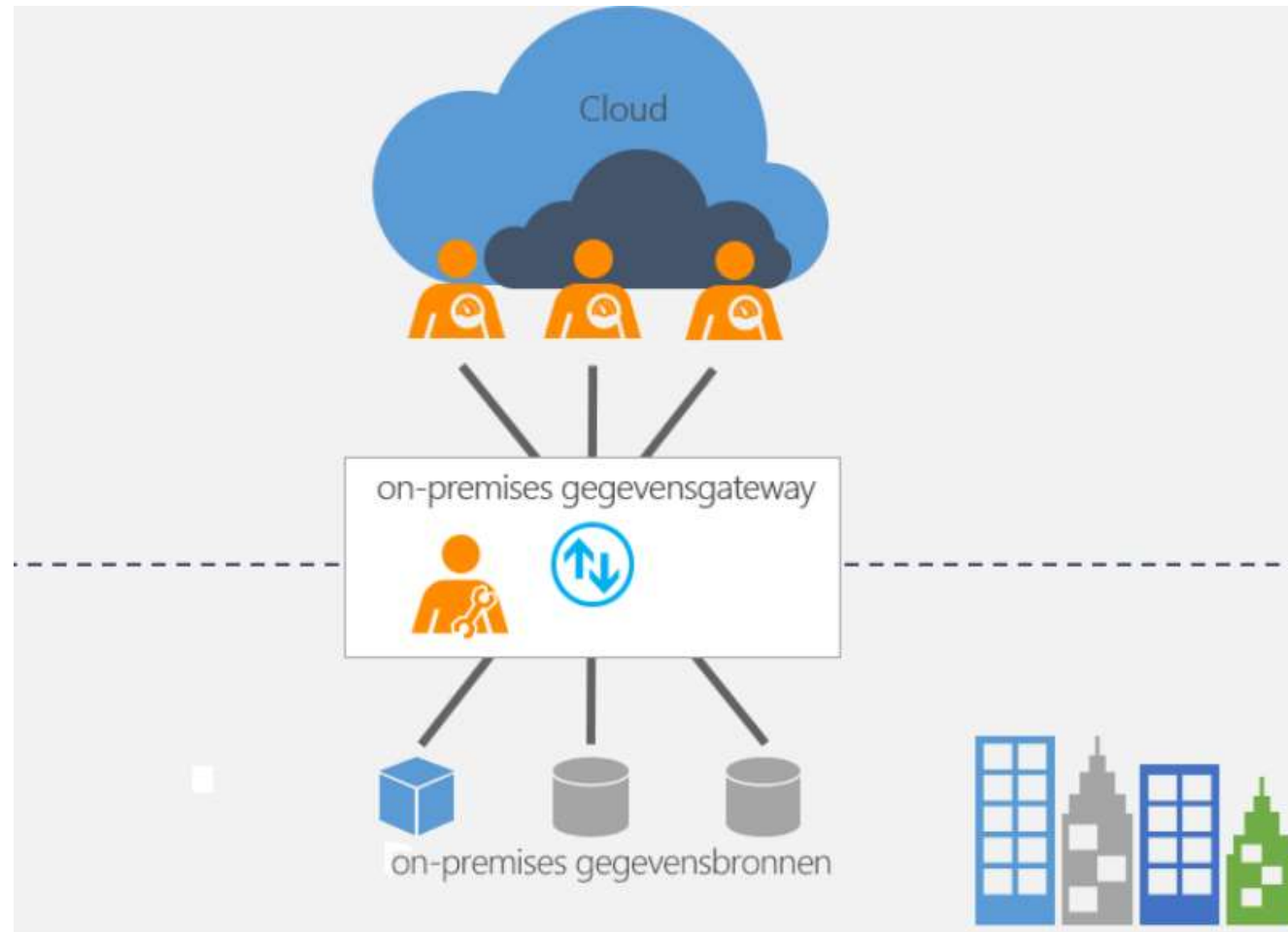
Filter the data that this role can see by entering a DAX filter expression that returns a True/False value. For example: [Entity ID] = "Value"

Save

Cancel



DATA GATEWAY



ZEBRA BI

Vergroot je analyse snellheid en je accuraatheid van beslissingen

Write your message here
press Alt+Enter if you need a second line

ACME Inc.
Costs in kEUR
2016

	Aug		ΔBU	ΔBU%	Jan_Aug		ΔBU	ΔBU%
	AC	BU			AC	BU		
Steel	120	113	+8	+6,7	889	900	-11	-1,2
Iron	101	106	-5	-4,9	851	850	+1	+0,1
Plastic	89	94	-5	-5,3	798	784	+14	+1,8
Aluminum	84	97	-13	-13,2	768	774	-6	-0,8
Direct material	394	410	-16	-3,8	3.306	3.308	-2	-0,1
Direct labor	89	85	+4	+4,7	689	678	+11	+1,6
Direct labor	89	85	+4	+4,7	689	678	+11	+1,6
Production overhead	46	50	-4	-7,3	371	400	-29	-7,3
Administration overhead	32	38	-6	-14,9	295	300	-5	-1,5
Selling overhead	36	35	+1	+3,9	267	280	-13	-4,7
Maintenance & repair	31	34	-2	-6,7	237	270	-33	-12,2
Supplies	20	25	-5	-18,4	219	200	+19	+9,6
Utilities	29	19	+10	+54,7	171	150	+21	+14,0
Salaries	28	23	+6	+24,4	186	180	+6	+3,3
Rent	13	13	+0	+2,4	118	100	+18	+18,4
Depreciation	12	13	-1	-7,9	108	100	+8	+8,1
Other fixed expenses	16	13	+3	+25,3	85	100	-15	-14,7
Overhead	264	260	+4	+1,4	2.058	2.080	-22	-1,0
Costs total	747	755	-8	-1,1	6.053	6.066	-13	-0,2

① Write your comment here.
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② Write your comment here.
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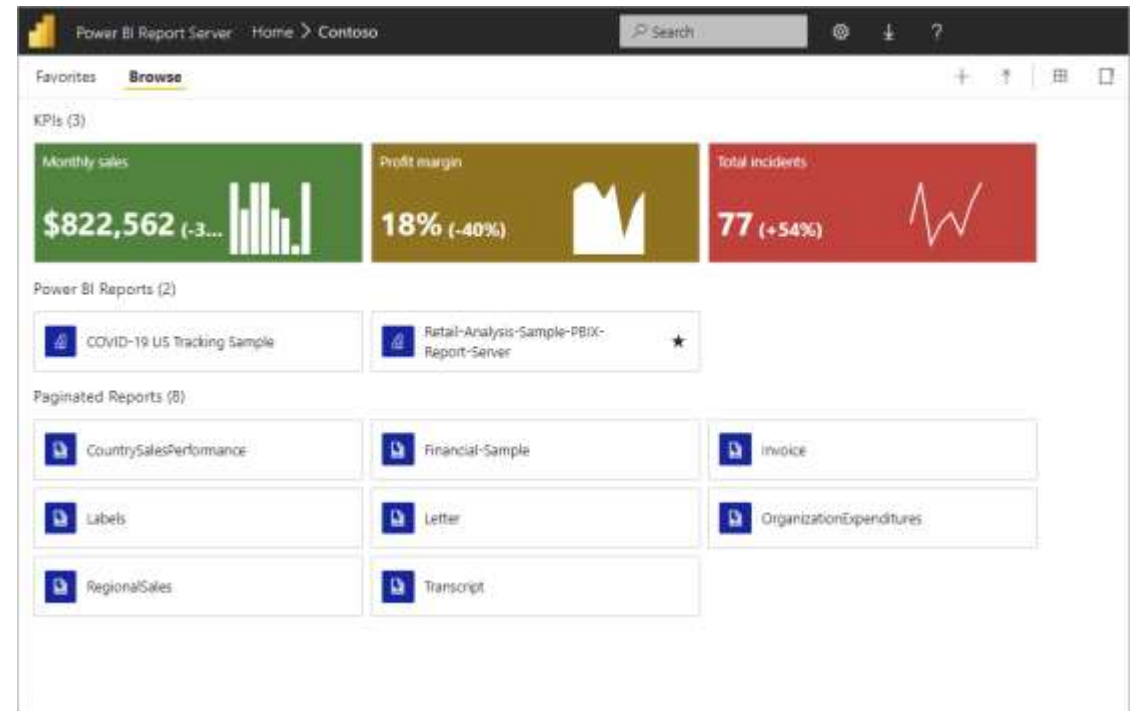


REPORT SERVER

On-premise variant van Power BI

Voor het maken van Power BI rapporten is er een andere versie van Power BI

Desktop nodig die voor de Report Server is geoptimaliseerd



REPORT BUILDER

The screenshot displays the Power BI Report Builder interface. At the top, the title bar shows 'Power BI My Workspace > WWI - Account Statement v2'. Below this, a navigation bar includes 'File', 'Export', and a page indicator '560 of 563'. The main report area is titled 'Buying Group Account Statement' and includes the following details:

- Buying Group:** Tailspin Toys
- Location:** Absecon, NJ, Aceituna...
- Invoices From Date:** 05/01/2016
- Invoices To Date:** 05/31/2016
- Invoice Range:** May 01, 2016 to May 31, 2016
- Buying Group:** Tailspin Toys, 201 Customers Selected
- Address:** Floor 20, Import Plaza, 105 Silk Road, Tradesville, WA 99999
- Logo:** Wide World Importers

The report content shows 'Invoice No: 73507-70431' and 'Invoice 2 of 3'. Key metadata includes:

- Invoice Date:** May 31, 2016
- Purchase Order No:** 16826
- Billed To:** Tailspin Toys (Head Office)
- Delivery Information:** Suite 150, 1959 Sarma Road
- Delivery Time:**
- Received By:**

Item	Quantity	Unit Price	Tax	LineTotal
DBA joke mug - you might be a DBA if (White)	7	\$13.00	\$13.65	\$104.65
Ogre battery-powered slippers (Green) XL	8	\$32.00	\$38.40	\$294.40
Packing knife with metal insert blade (Yellow) 18mm	15	\$2.40	\$5.40	\$41.40
"The Gu" red shirt XML tag t-shirt (White) 3XS	48	\$18.00	\$129.60	\$993.60
TOTAL			\$187.05	\$1,434.05



DEMO



POWER BI PRO EN PREMIUM

Pro - €8,40 per gebruiker per maand

Noodzakelijk voor delen en lezen van rapporten

Premium - €16,90 per gebruiker of v.a. €4.212,30 per capaciteit per maand

Rapport Server en de mogelijkheid om datasets te maken met AI

Gehele organisatie toegang tot Power BI

Capaciteit in de Cloud met mogelijkheid tot bij schalen

<https://powerbi.microsoft.com/nl-nl/pricing/>

A top-down view of a wooden desk with three wooden blocks arranged vertically. The top block says 'TIME', the middle block says 'FOR', and the bottom block says 'RECAP'. The desk is scattered with various items: a blue paper clip, a red paper clip, a yellow crumpled paper ball, a white paper clip, a green paper clip, a yellow paper clip, and a white paper clip.

TIME

FOR

RECAP

RECAP

- ❖ Introductie van Power BI
- ❖ Raak bekend met Power BI
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WHAT IS NEXT?

Kom in contact

Volg ons op sociaal media

Meld je aan voor de [Power BI Test Drive](#)

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