



Power BI Basics

Data & Automation Line Up 2024



Maxim de Vreeze

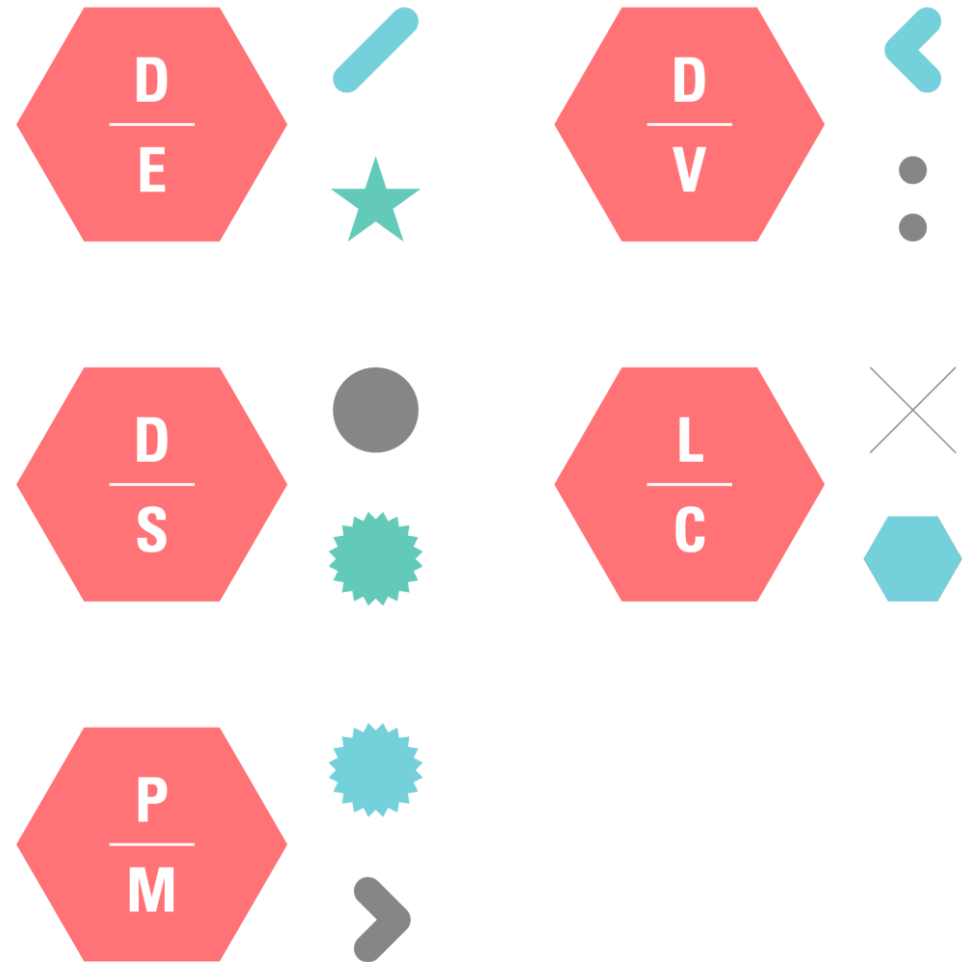
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About Rockfeather

At Rockfeather, we're not just consultants; we're dream builders. We turn your Data & Automation vision into reality, using the power of technology to bring your ideas to new heights. Working hand-in-hand with you, we empower you to achieve your goals. Ready to see your solid ideas take flight? Partner with Rockfeather today, and let's start a journey of innovation and success. Together, there's no limit to what we can achieve.



Our technologies



Tableau



Power BI



Azure Data Factory



TimeXtender



DBT



Power Apps



Azure Logic Apps



Azure ML



Databricks



Outsystems



Acterys



Alteryx



Power Automate



Process Science



Python



Airbyte



Agenda

1. BI Dashboards & Gartner® Magic Quadrant™
2. Power BI Overview
 - a) Problem
 - b) Key features
 - c) Benefits
3. New functions
4. Short Demo
5. Q&A

2023 Gartner® Magic Quadrant™ for analytics and BI Platforms



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

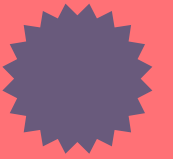


AI Builder
Low code Artificial Intelligence ontwikkelaar

Focus van
vandaag

02 - a

The problem



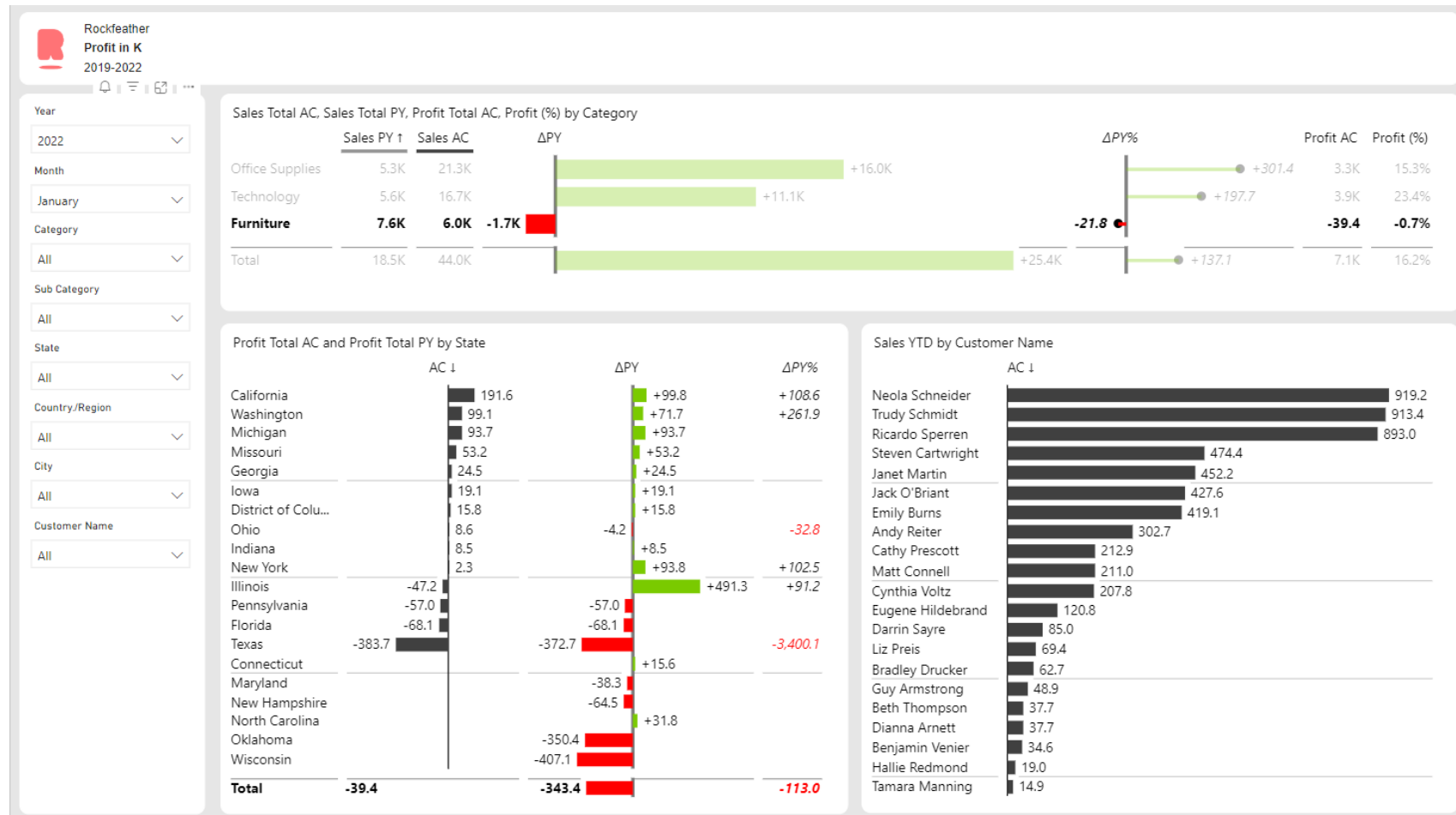
Need for Business Intelligence Dashboards

- Ongeveer 50% van alle businesses gebruiken BI tools
- BI tools helpen met verzamelen, analyseren en visualiseren van data.
- BI Dashboards voordelen:
 1. Single Source of Truth
 2. Data-Driven Decision Making
 3. Increased Efficiency

Wat Power BI kan oplossen?

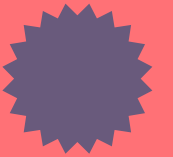
- Sales Performance Analysis
 - Track sales performance across different regions per product category per selected date.
 - Hierover later een Demo.
- Inventory Management
- Customer Segmentation
- Financial Reporting and Analysis
- Employee Performance Tracking
- Operational Efficiency
- Market Trends and Consumer Insights

Performance dashboard



02 - b

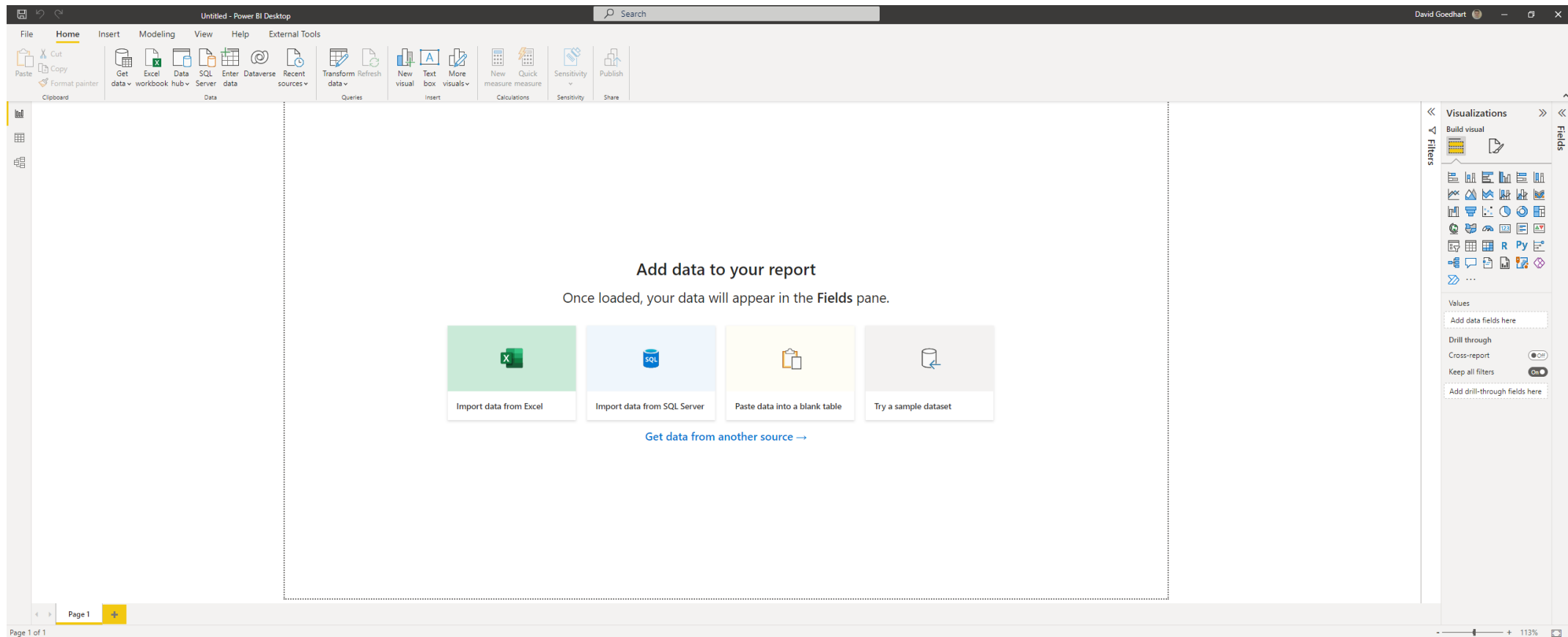
Key Features



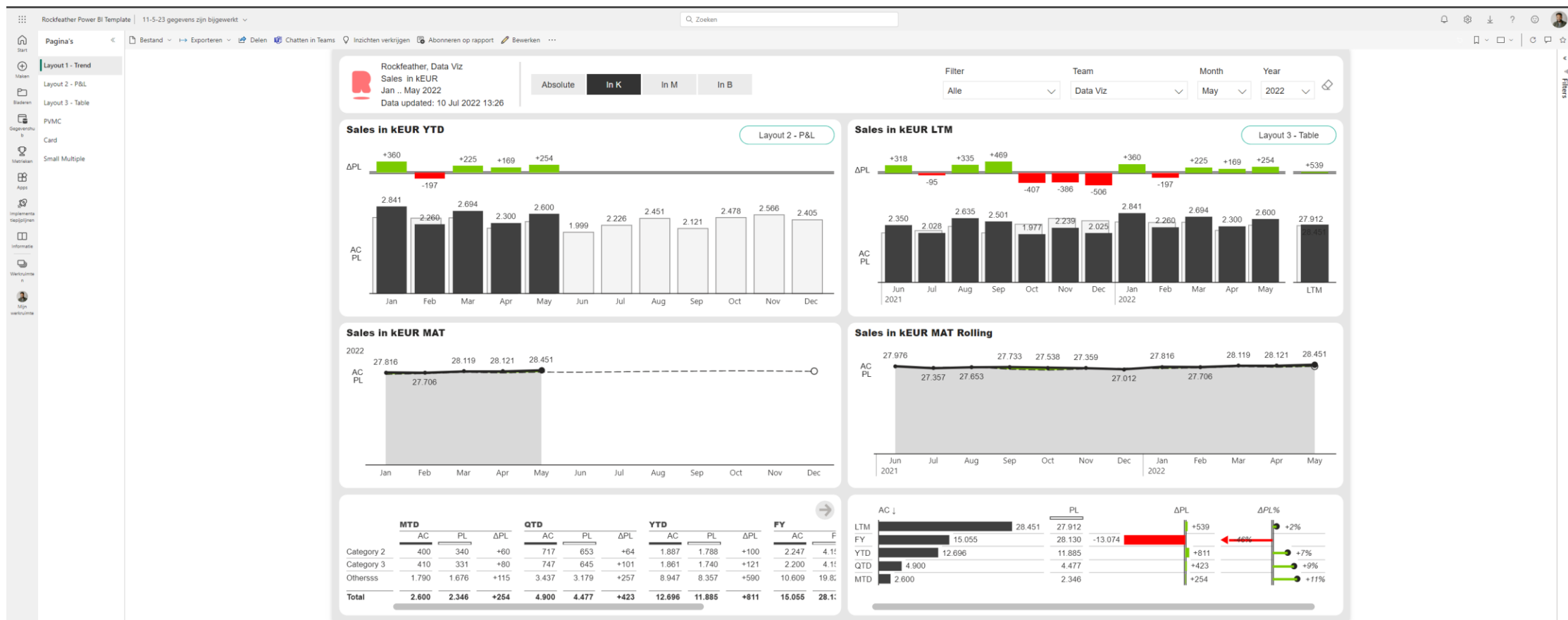
Power BI Desktop

Gratis tool voor het ontwikkelen van dashboards

Power BI desktop en Power Query



Power BI online



Power BI apps

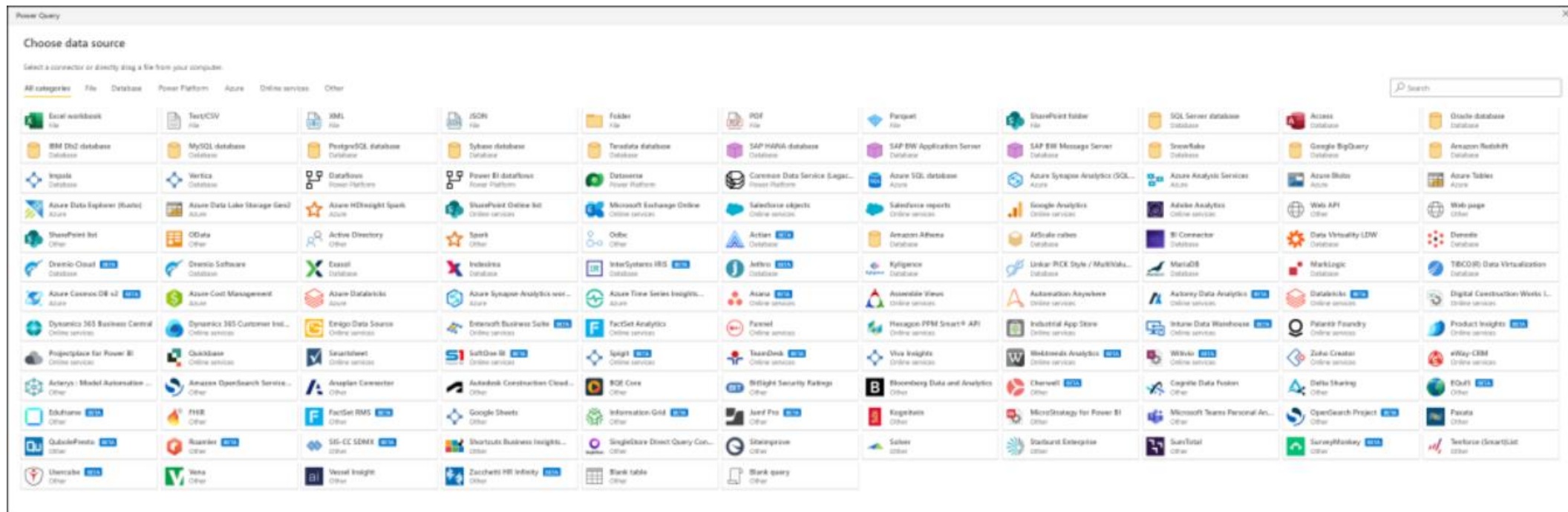
- Toegankelijkheid
- Updates en wijzigingen beheren
- Mobiele toegang



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 Intelligence

Table filter DAX expression

[Country] = "Nederland"

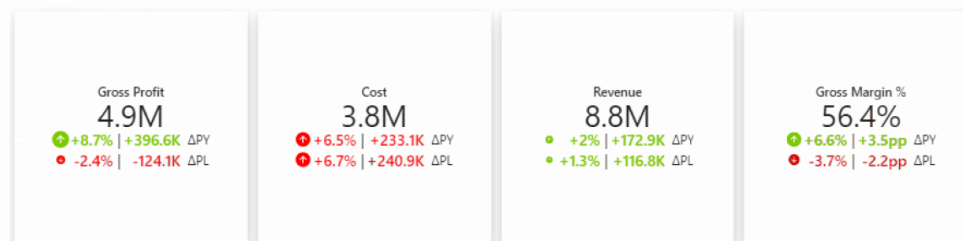
Filter the data that this role can see by entering a DAX filter expression that returns a True/False value. For example: [Entity ID] = "Value"

Save

Cancel

Zebra BI

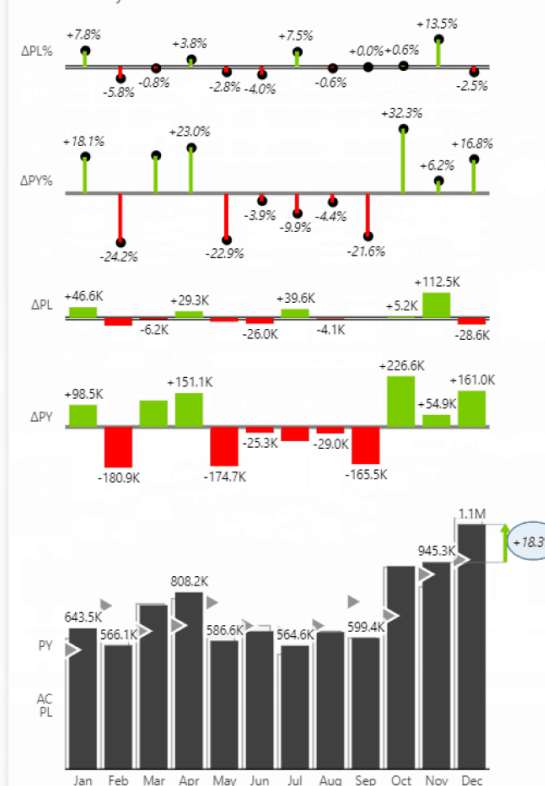
Vergroot je analyse snelheid en je accuraatheid van beslissingen



AC, PY, PL by BusinessUnit, Division

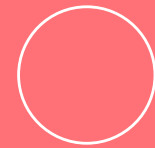
	AC 1	PL	PY	ΔPY	ΔPL	ΔPY%	ΔPL%
Personal care	3.5M	3.5M	3.4M				
Skin Care BU	57.1K	48.0K	209.6K	-152.5K	+9.0K	-72.8	+18.8
Oral Care BU	86.2K	72.1K	48.9K	+37.3K	+14.1K	+76.2	+19.5
Hair Care BU	826.8K	732.0K	928.8K	-102.0K	+94.7K	-11.0	+12.9
Baby Care BU	2.5M	2.6M	2.3M	+234.4K	-143.0K	+10.4	-5.4
Electronics	5.3M	5.2M	5.2M				
Games	3.1K	3.5K	19.6K	-16.6K	-421.2	-84.4	-12.1
TV	6.9K	4.9K		+6.9K	+2.1K	+62.2	+42.7
Desktop PC	10.9K	10.6K	29.0K	-18.0K	+391.9	-62.2	+3.7
Monitors	13.1K	16.4K	40.3K	-27.2K	-3.3K	-67.5	-20.1
Recorders	13.8K	6.8K	8.4K	+5.5K	+7.0K	+65.5	+101.9
Laptops	31.1K	29.8K	41.0K	-9.9K	+1.3K	-24.2	+4.3
Cameras	48.0K	52.9K	21.4K	+26.6K	-4.9K	+124.0	-9.2
Lighting	299.8K	325.7K	81.8K	+218.0K	-25.8K	+266.5	-7.9
Accessories	308.4K	306.9K	372.9K	-64.5K	+1.5K	-17.3	+0.5
Smartphones	728.8K	772.6K	710.2K	+18.5K	-43.8K	+2.6	-5.7
Tablets	819.8K	755.9K	819.1K	+772.1	+63.9K	+0.1	+8.5
Speakers	827.1K	773.6K	967.3K	+140.1K	+53.5K	+14.5	+6.9
Wearables	2.2M	2.1M	2.0M	+155.8K	+90.5K	+7.6	+4.3
Total	8.8M	8.6M	8.6M	+172.9K	+116.8K	+2.0	+1.3

AC and PL by Month

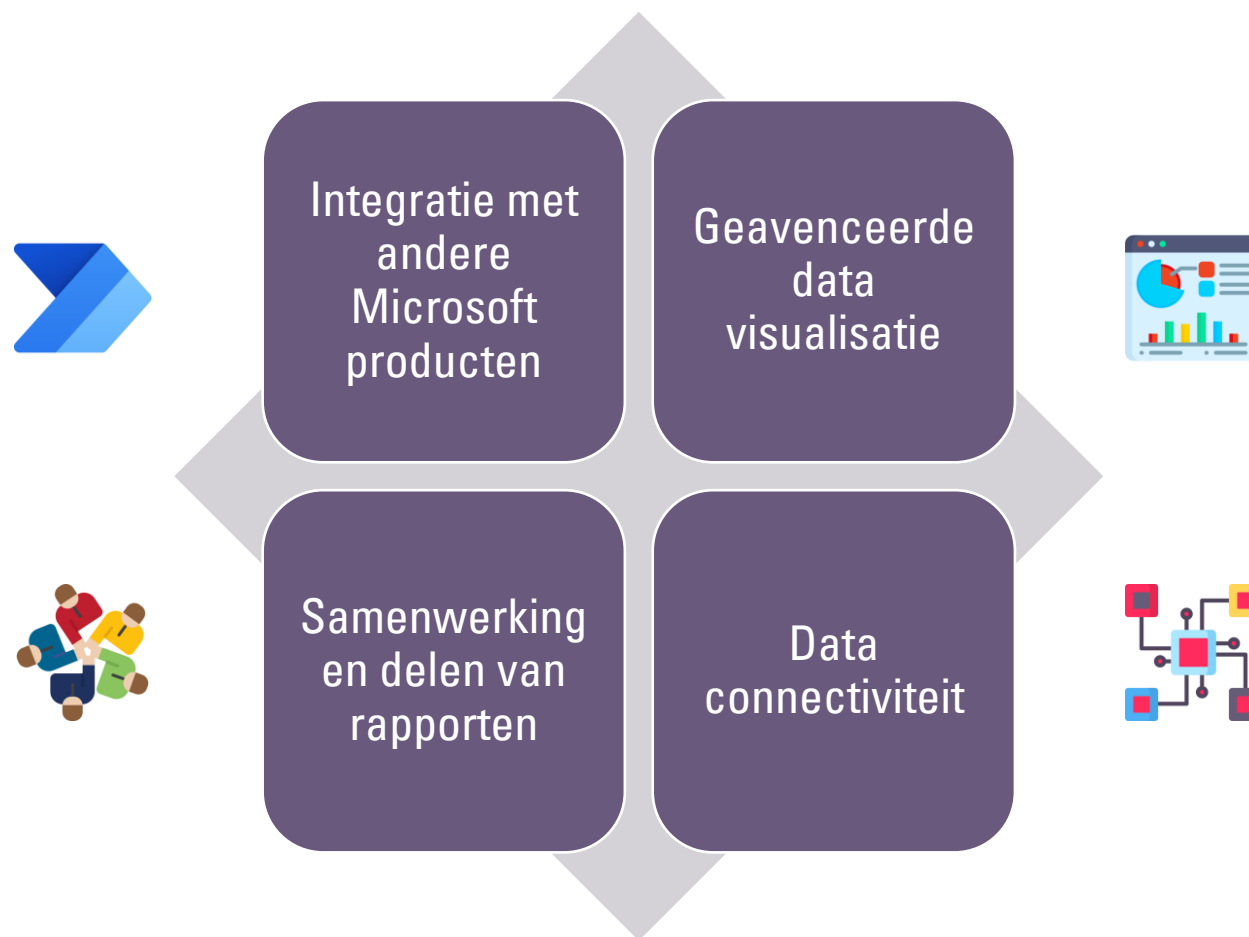


02 - c

Benefits

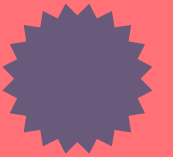


Voordelen Power BI



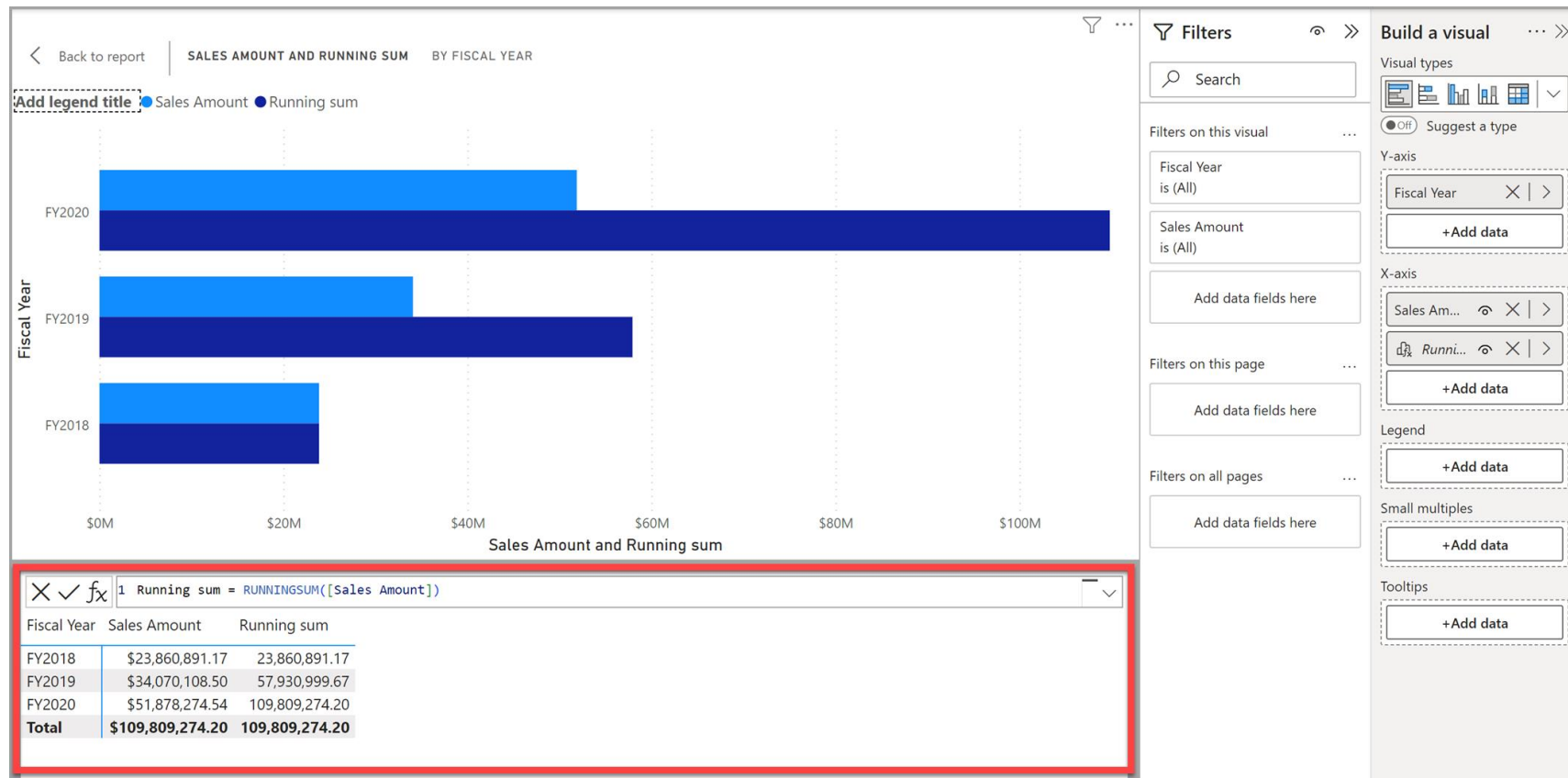
03

New Functions



Visual Calculations

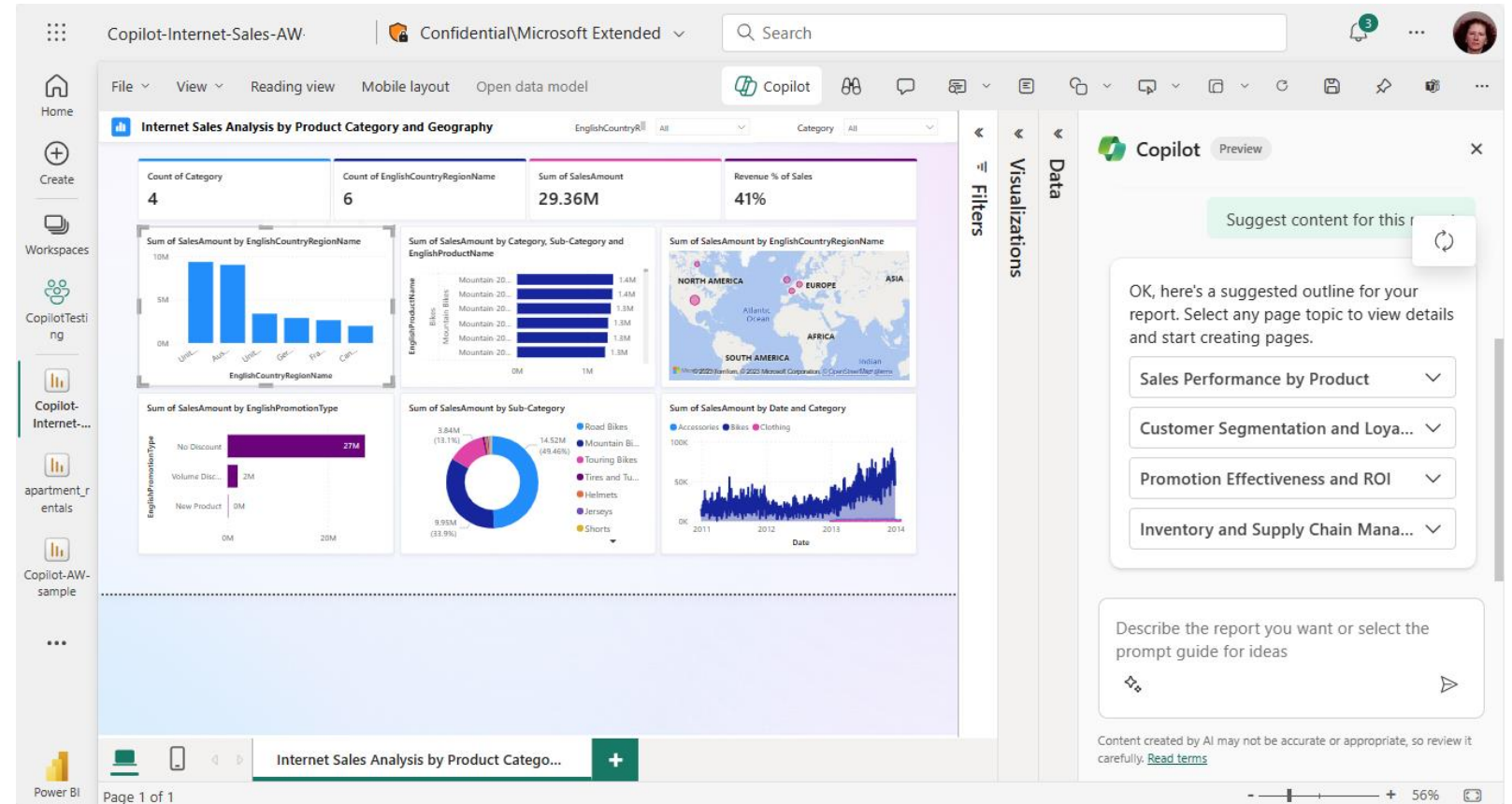
- Berekeningen en transformaties direct in de visual



Copilot in Power BI

'AI tool' van Microsoft

Copilot functies

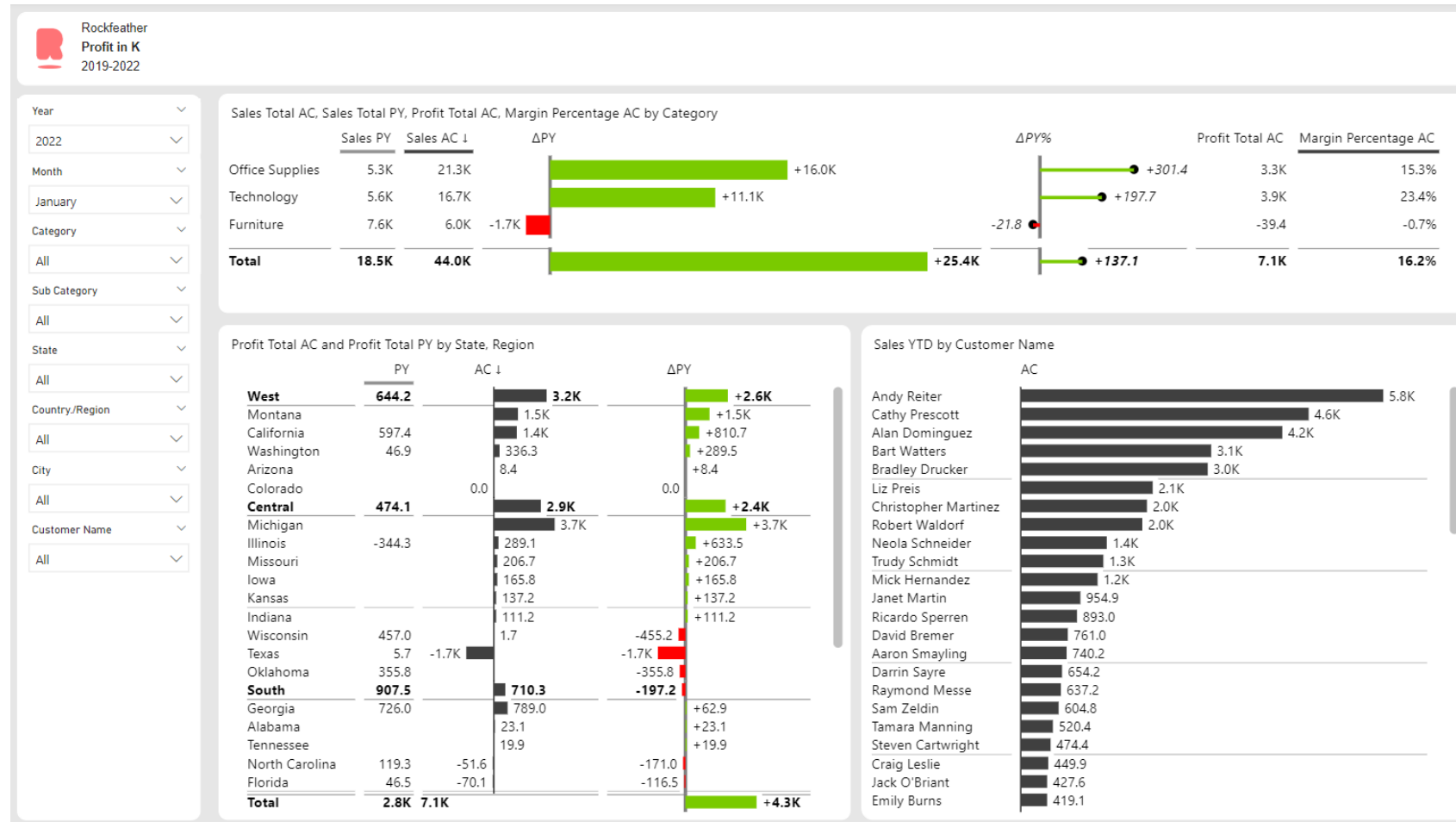




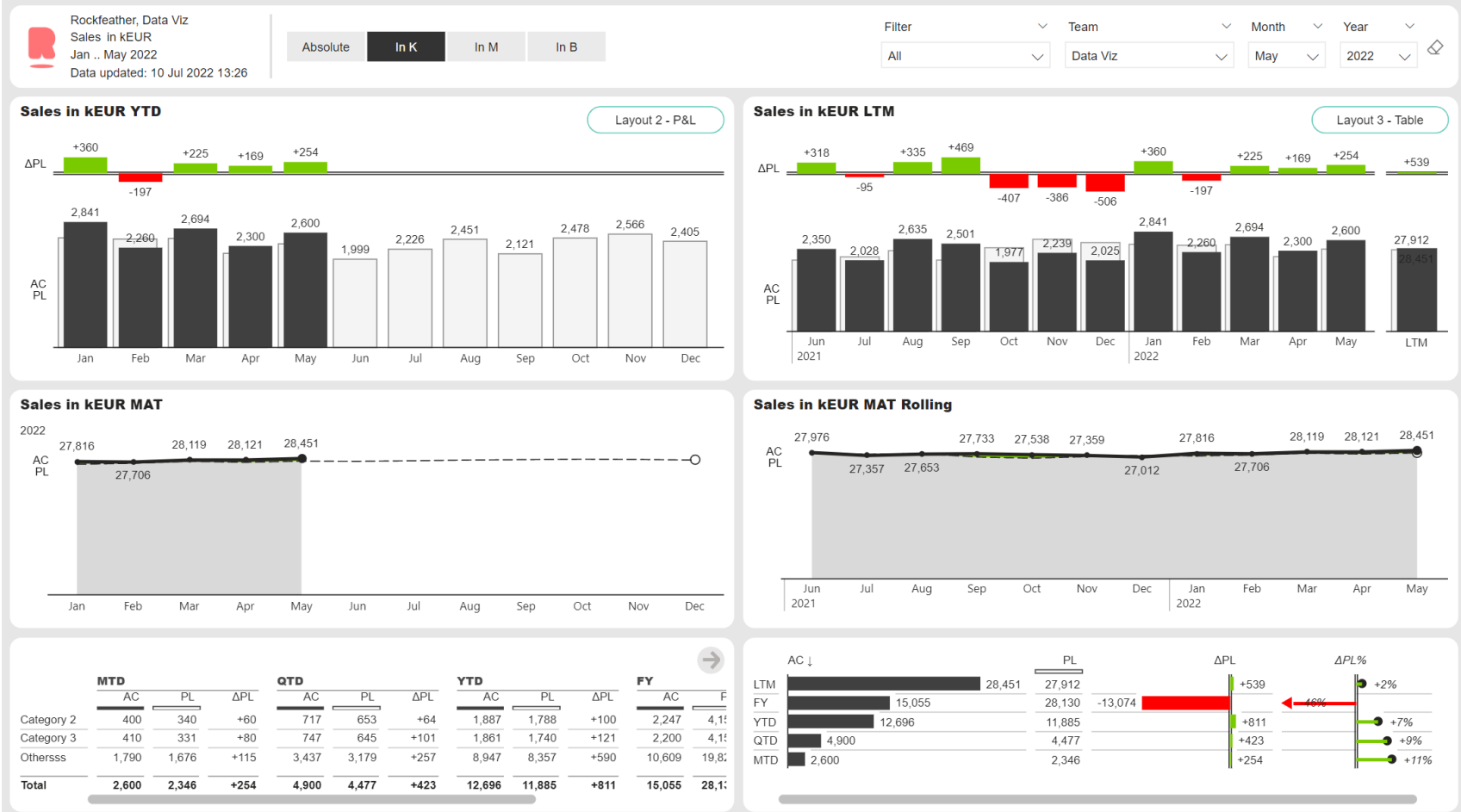
USE CASES

- Performance Dashboard
- Sales Dashboard
- P&L

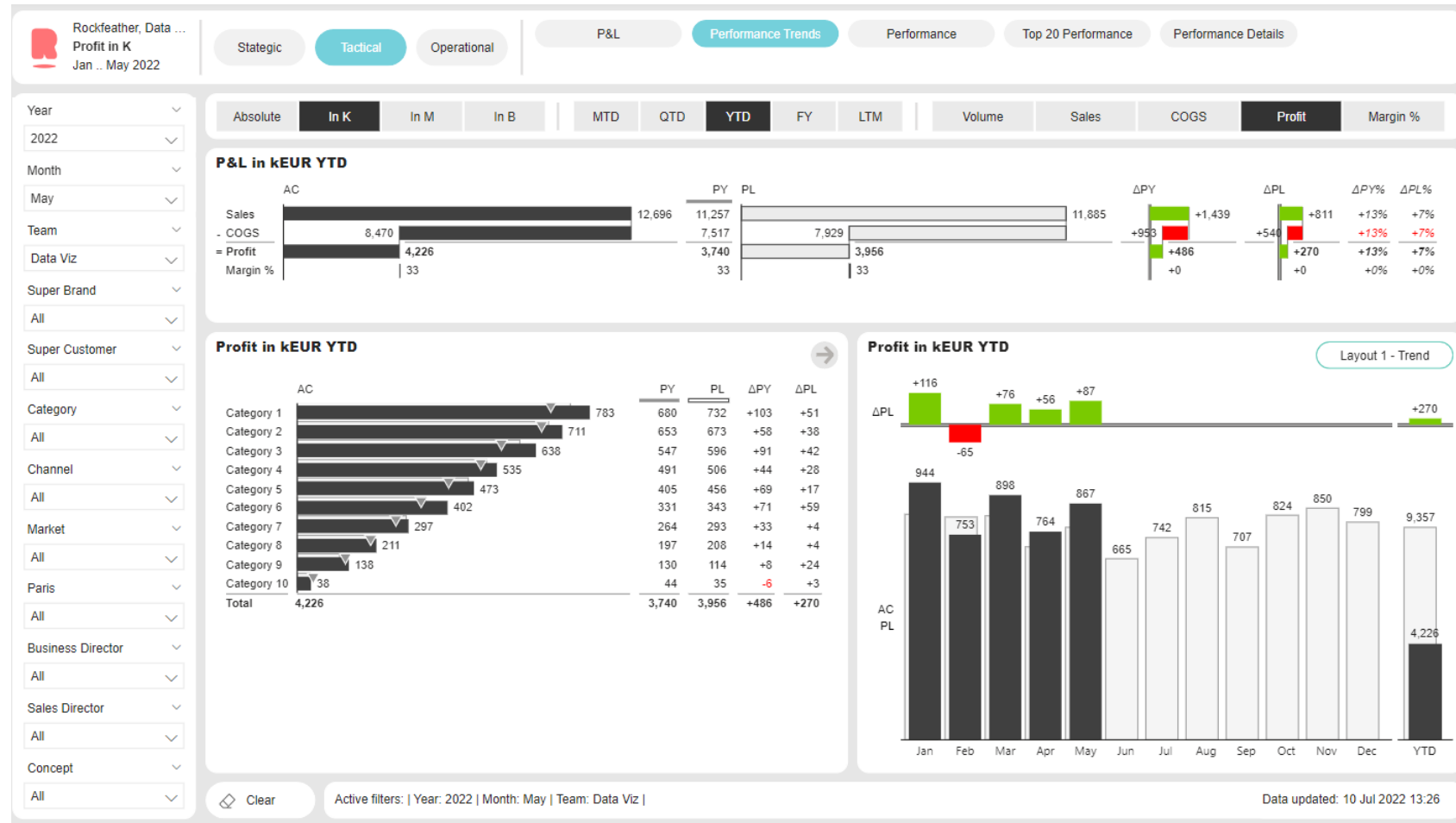
Performance dashboard



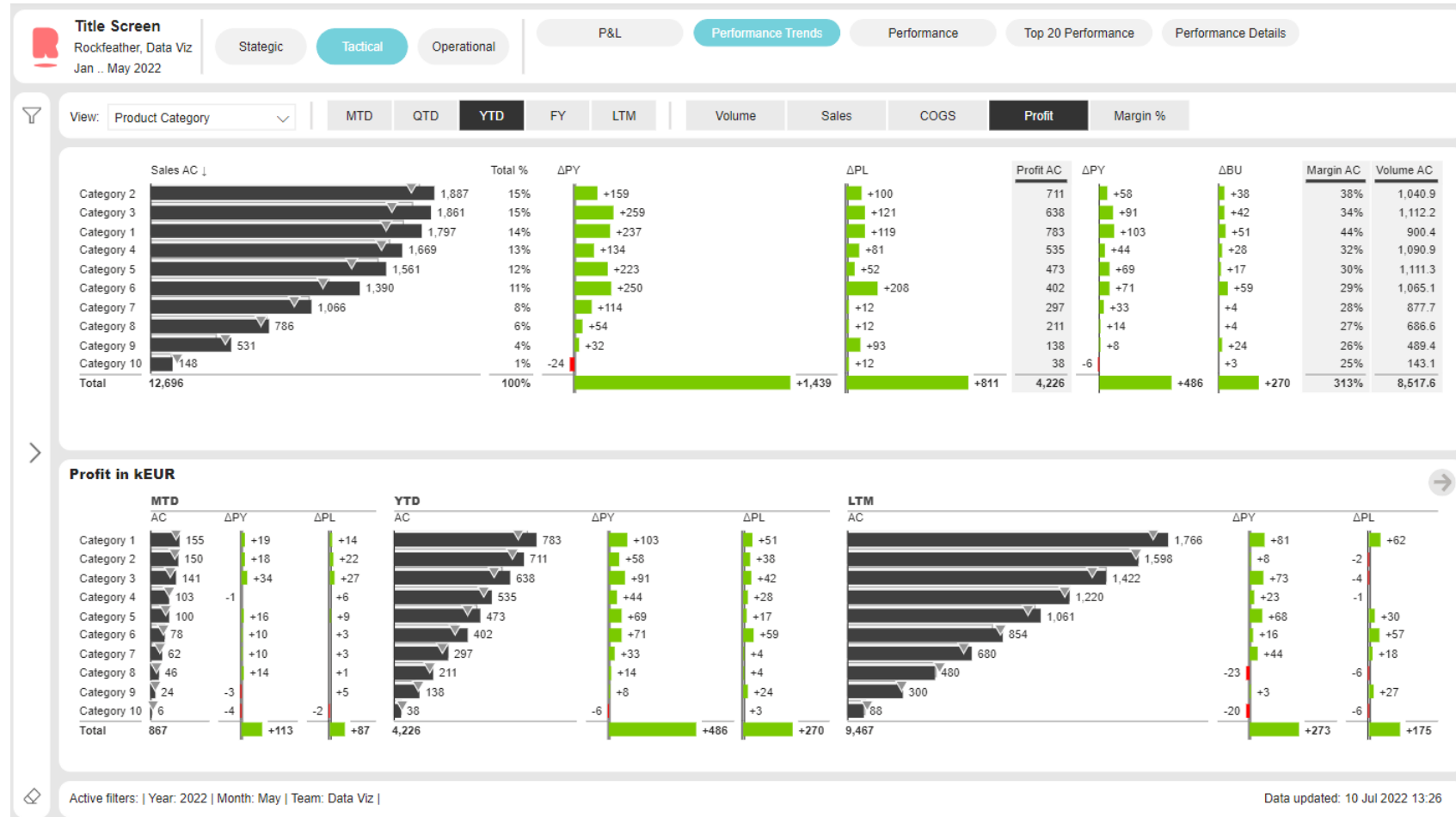
Sales dashboard



P&L

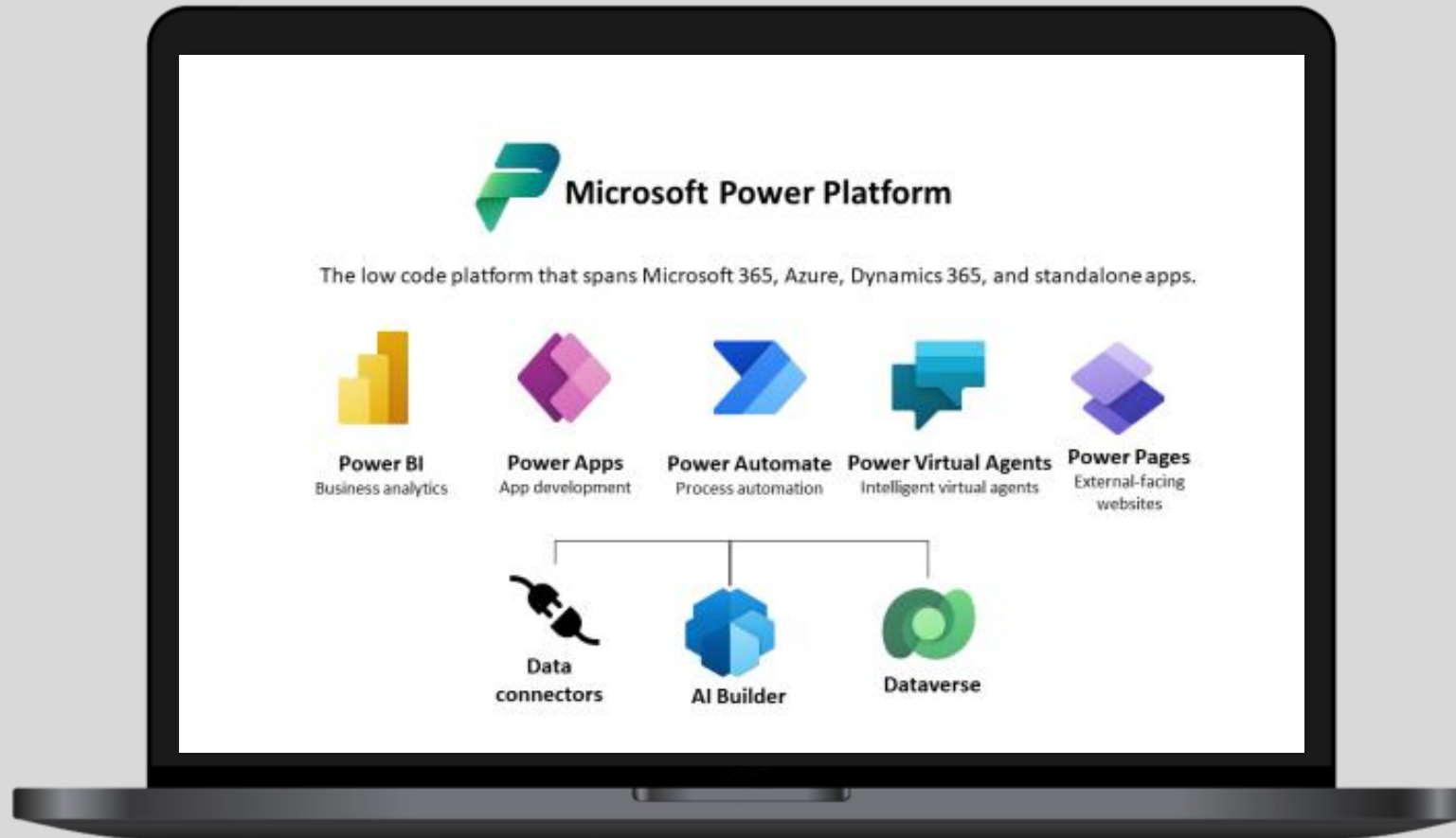


Performance dashboard





Power BI Basics- demo



Want to know more?

A promotional poster for a workshop. On the left, a man with dark hair and a beard, wearing a light grey button-down shirt, stands with his arms crossed. He is positioned in front of a large white circle. The background is a solid red color. In the top left corner, there are four small decorative icons: a white 'X', a dark grey circle, a white circle, and a blue and white gear-like shape. To the right of the man, the word 'WORKSHOP' is written in white, uppercase letters. Below it, a horizontal line separates the word 'WORKSHOP' from the title 'Power BI Basics', which is also in white. Further down, a white rectangular box contains the text 'June 12, 2024 | 10:00 - 13:00' in red. Below this box, a dark blue rectangular box contains the text 'By Glenn Versteegh' in white. At the bottom right, the 'rockfeather' logo is displayed, consisting of a white stylized 'R' icon followed by the word 'rockfeather' in white lowercase letters.

WORKSHOP

Power BI Basics

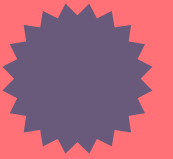
June 12, 2024 | 10:00 - 13:00

By **Glenn Versteegh**

 **rockfeather**

05

Q&A





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