Microsoft PowerPlatform

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CUBIDO

https://www.pexels.com/photo/close-up-photo-of-man-cooking-meat-1482803/

SOLISYON
www.solisyon.de

Zötler Bier
natürlich, sympathisch, frisch

DATAmasterminds

POWER BI SENTINEL
Documentation · Data Lineage · Change Tracking · Backup

ROSEN
empowered by technology

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redgate

SHOP APOTHEKE
EUROPE

dbWatch
DATABASE CONTROL

Power Platform

Satya Nadella -- *Chief Executive Officer*

Yeah, one of the things that I talked about in my remarks this time was this power platform. One of the areas of, in fact, real breakout growth and differentiation as being in Power BI, Power Apps, and Flow, for the first time, in fact, in our own Microsoft history, we have an extensibility model that is the same for Office 365 and Dynamics 365. This has been a dream of mine for, I don't know, for 15 years, probably. And we're finally here and we are executing super well, but the interesting thing is it's not just even for our own SAAS applications -- it is the extensibility model for every SAAS application out there, including a common data model. So, I think that that's where the synergies lie because AI starts with having a data state that can really bring data from all of your applications -- siloes, in some sense -- together so that you can start building the analytical power that you can then visualize and put in the hands of people using Power BI or run an AI model that does some prediction that you can deploy in your system, whether it's forecasting, sales lead scoring, what have you.

Microsoft Corporation (MSFT) Q3 2018 Earnings Conference Call Transcript

MSFT earnings call for the period ending March 31, 2018.

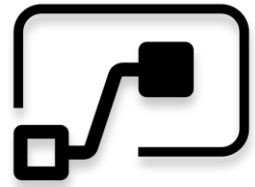
https://www.fool.com/earnings/call-transcripts/2018/04/26/microsoft-corporation-msft-q3-2018-earnings-confer.aspx

Microsoft Power Platform

Power BI

analyze

self-service analytics



Flow

automate

robotic process automation

PowerApps

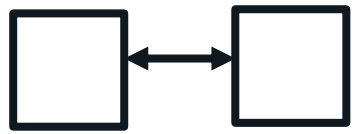
interact

no-code/low code app dev

Data

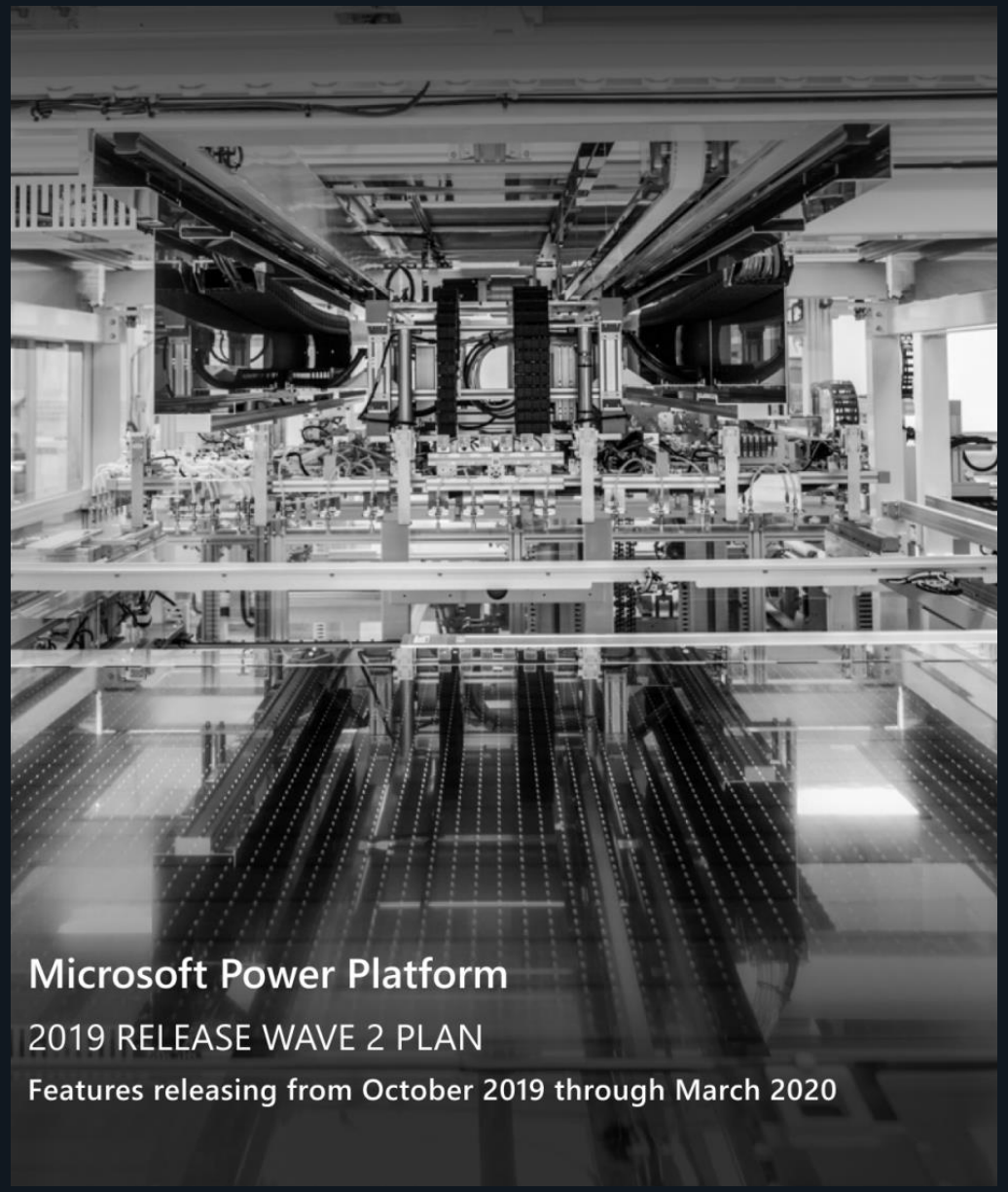
Common Data Service

AI Builder

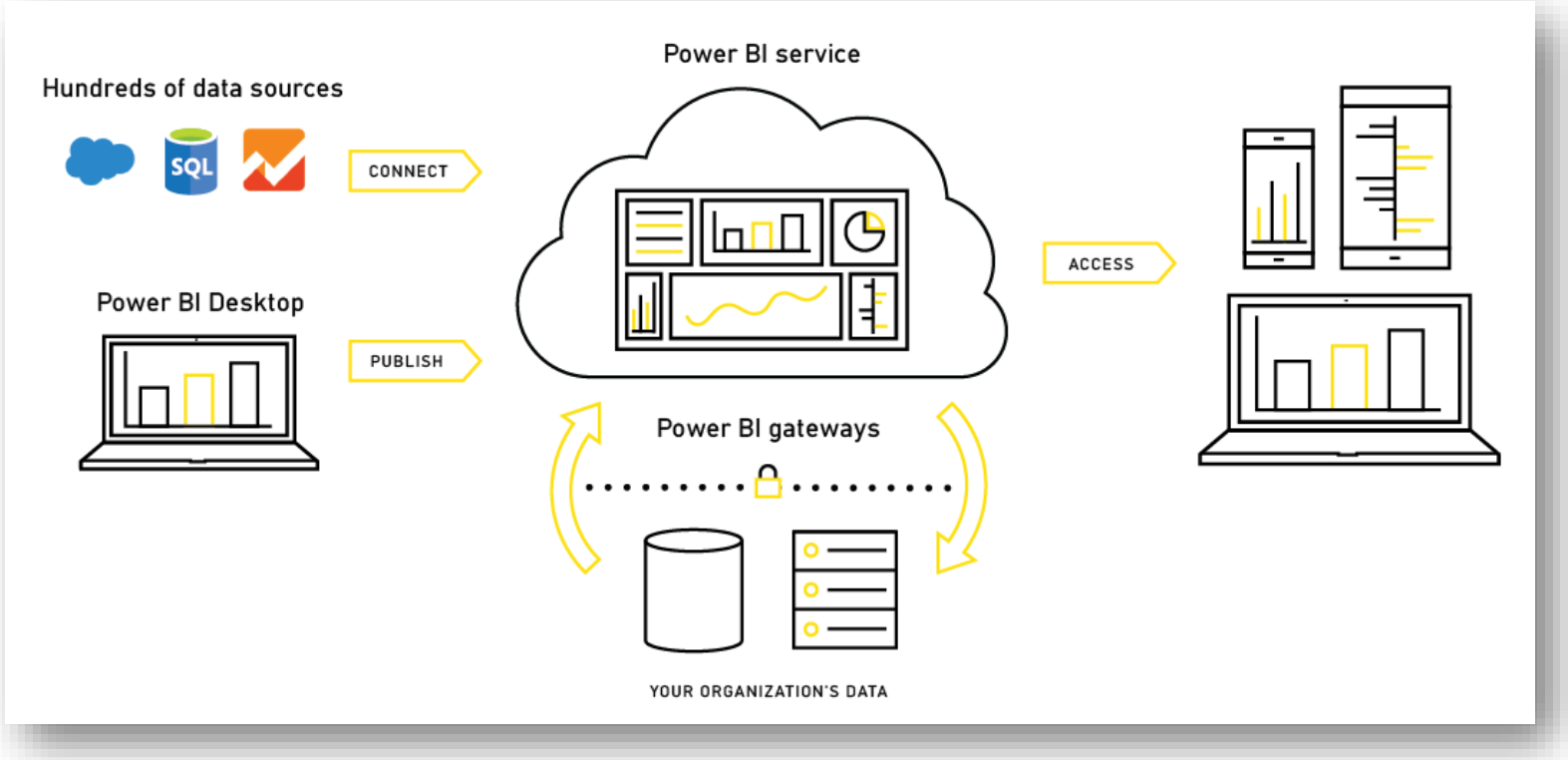


Connectors

http://aka.ms/businessappsreleasenotes



Power BI



Power Query **Power Pivot** **Power Reporting**

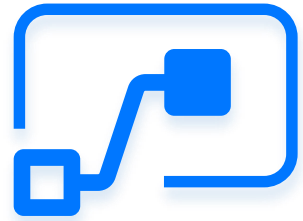
Power Apps

Business Applications

Across Web & Mobile

Rapid Application Development

Microsoft Flow

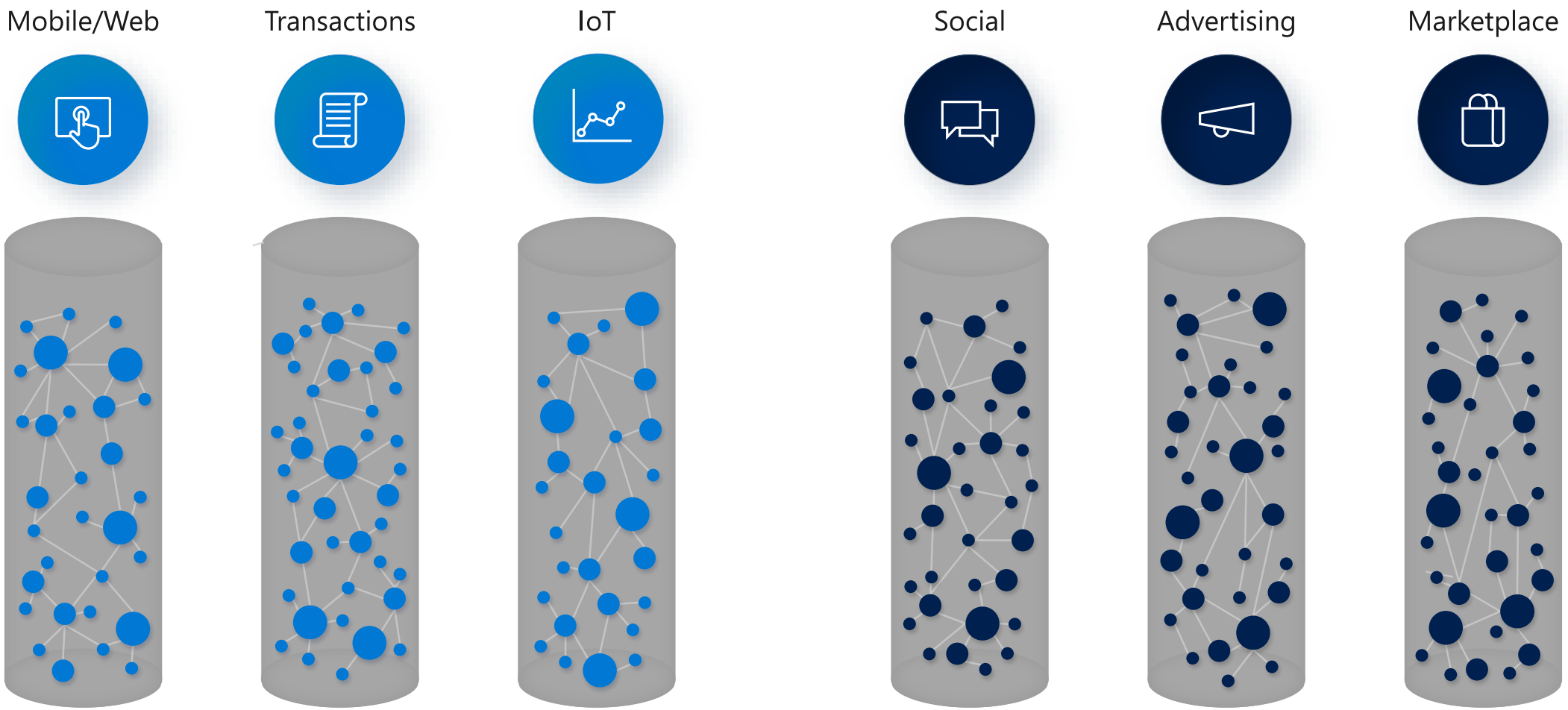


Workflows for business tasks

Give flow power to everyone!

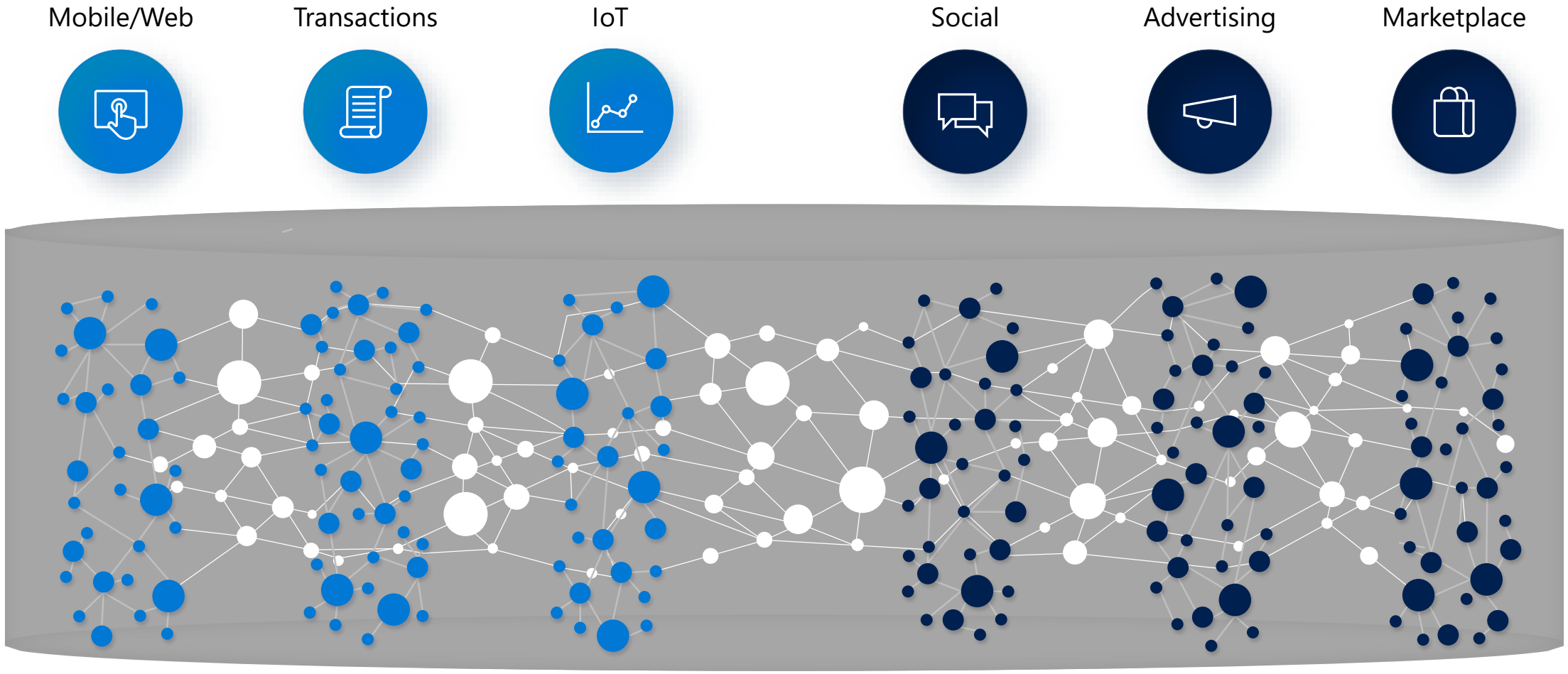
- Citizen Integrators
- IT decision makers

Need a shared data model with rich semantics



Source: https://community.powerbi.com/t5/MBAS-Gallery/Common-Data-Model-All-you-need-to-know/m-p/711405

Data is stored within internal and external siles



Source: https://community.powerbi.com/t5/MBAS-Gallery/Common-Data-Model-All-you-need-to-know/m-p/711405

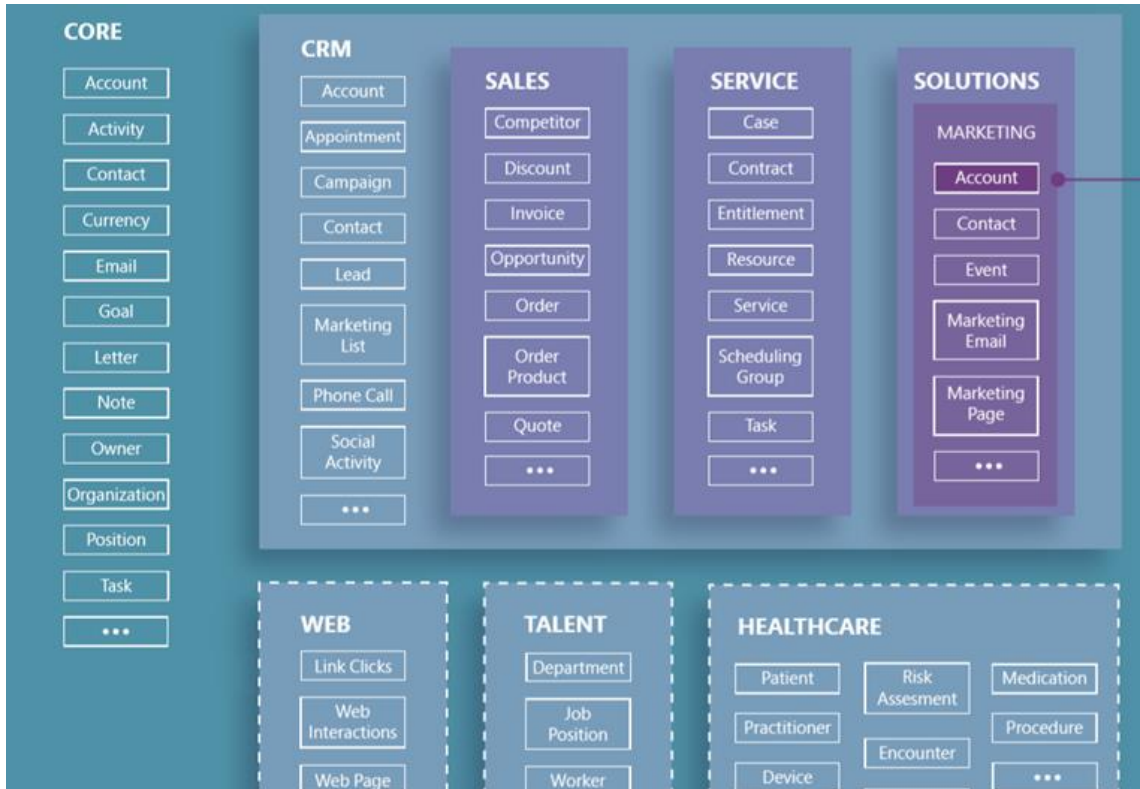
Common Data Model

Data Schema

- Standardized, modular, extensible

consist of

- *entities*
- *attributes*
- *semantic metadata*
- *relationships*



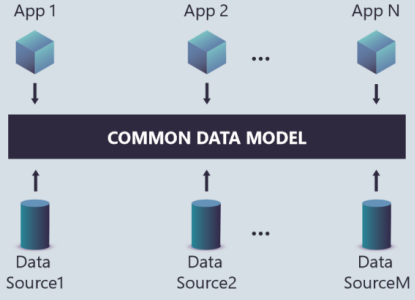
Microsoft

INTEGRATE & DISAMBIGUATE DATA WITH

THE COMMON DATA MODEL

An **open-sourced** definition of modular and extensible **business entities** with **semantic metadata** that **simplify the challenges of application development and data integration**.

CDM unifies data in a well-known schema with semantic consistency.



App developers and backend integrators can develop **independently**.

Enables quick application deployment and development, out-of-the-box intelligence, and much more.

There's a growing collection of solutions that store data in CDM form:

Power BI | Dynamics 365 | PowerApps | Azure

Open Data Initiative

As annouced at Microsoft Ignite (2018), the Common Data Model is evolving as part of the Open Data Initiative, a jointly-developed vision by Microsoft, Adobe, and SAP.

Taken from https://aka.ms/cdmposter

https://aka.ms/cdmrepo CDM GitHub Repo

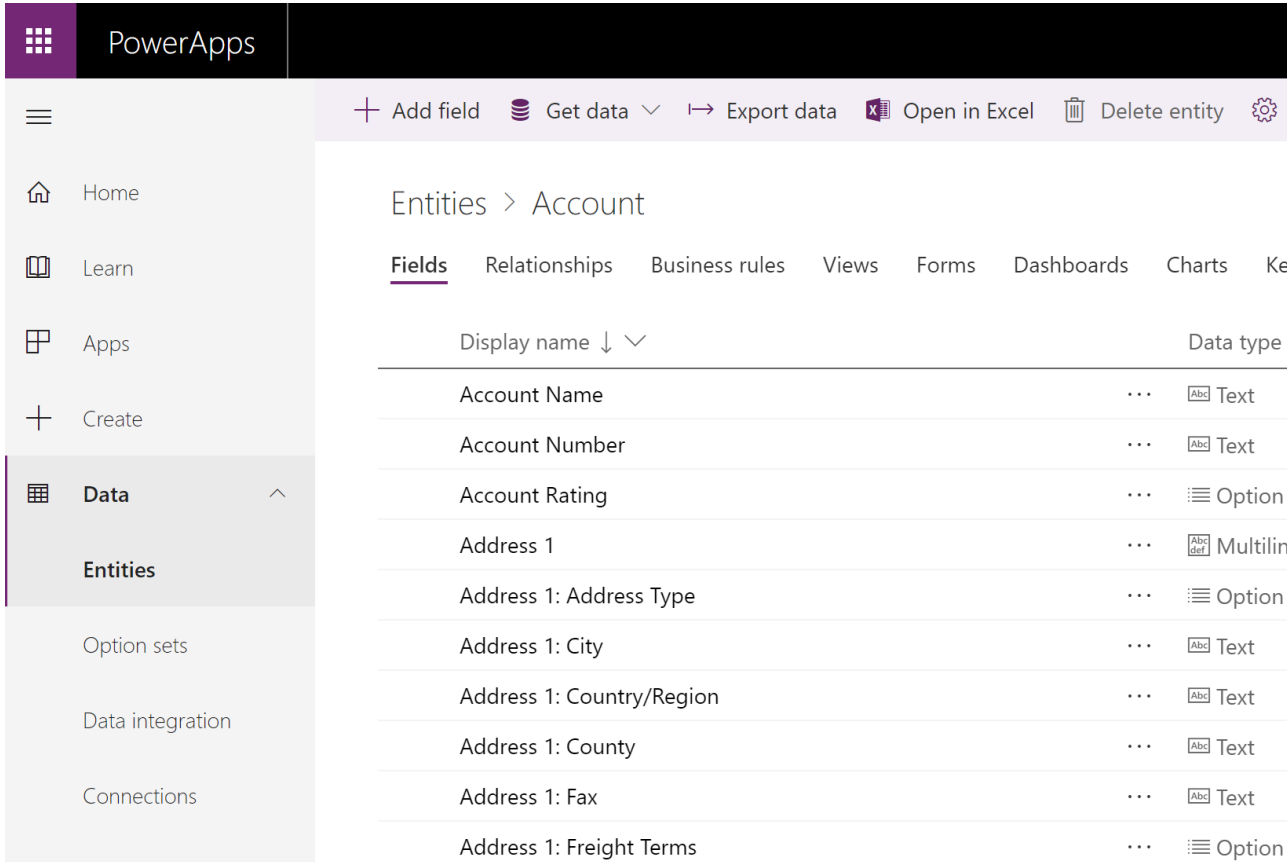
Common Data Service (CDS)

CDM is the definition, but..

.. **CDS stores Common Data Model (CDM) Data**

CDS for Apps
- Dynamics365
- PowerApps

More Logic and Validation
- Business rules
- Business process flows

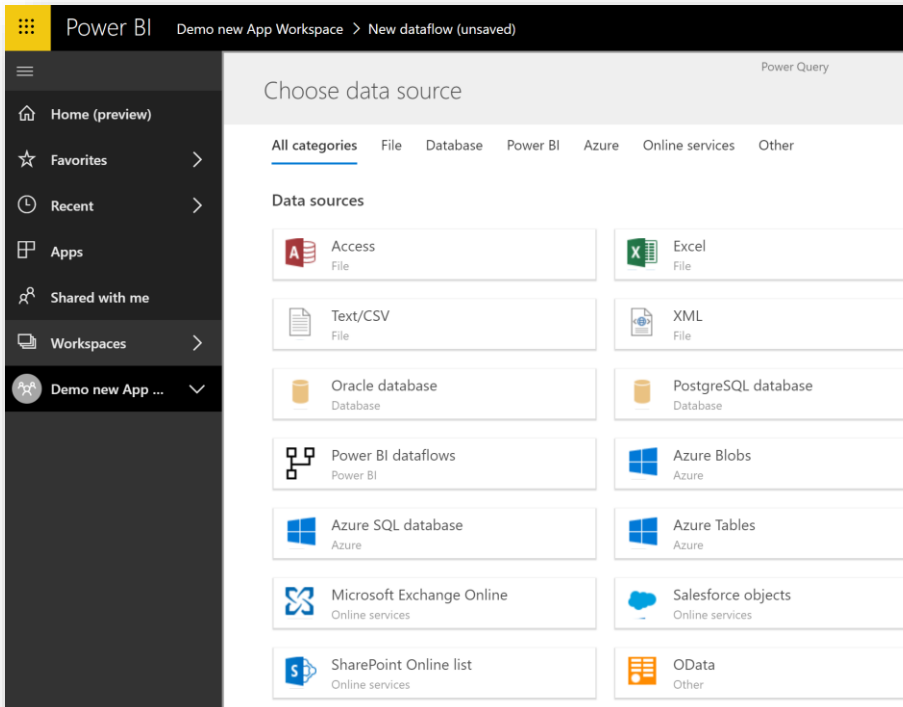


CDS (for Power BI) – PBI data flows

Data integration

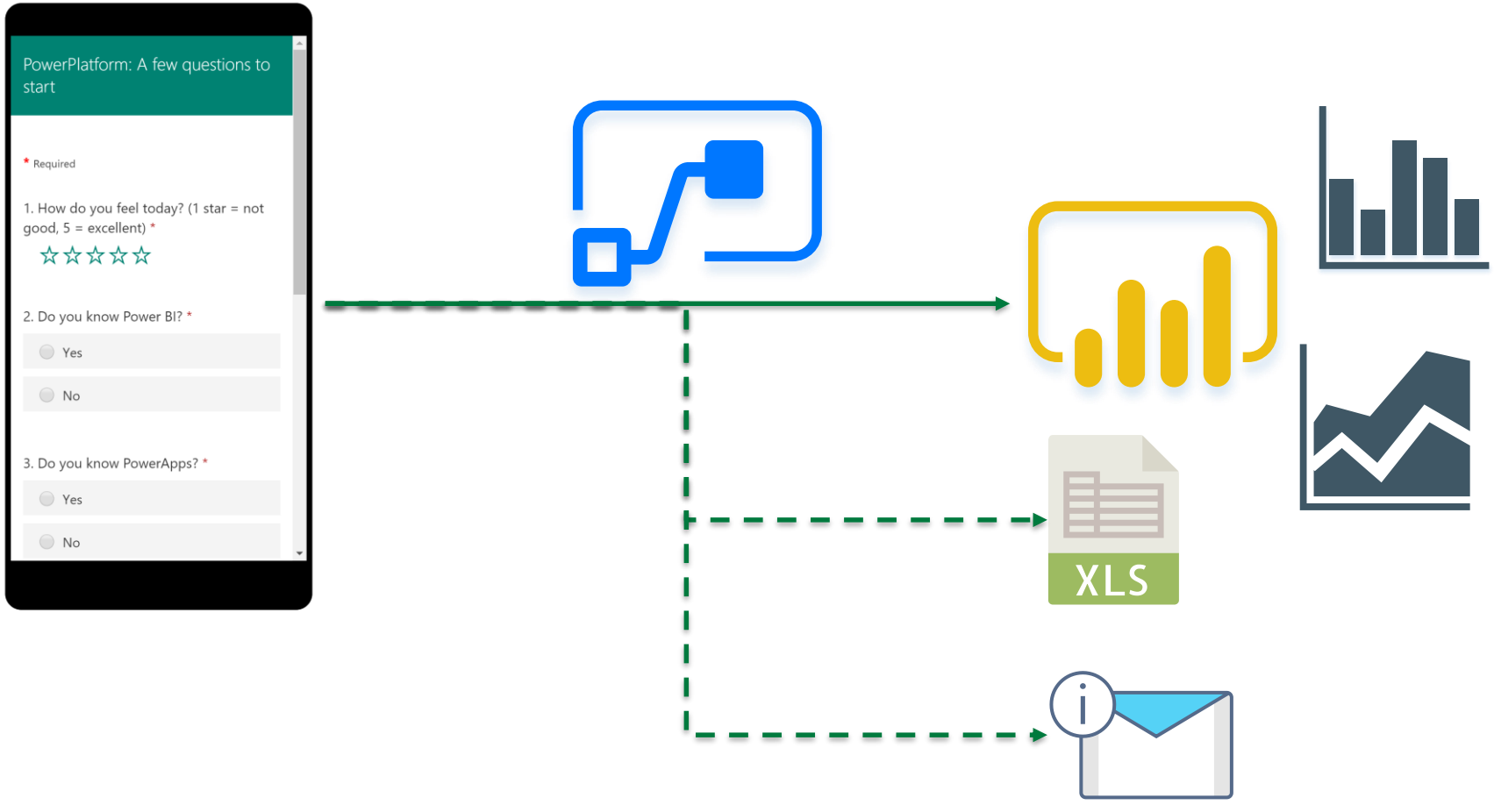
CDM target entities

- Azure Data Lake Storage Gen2
- CDM Folders



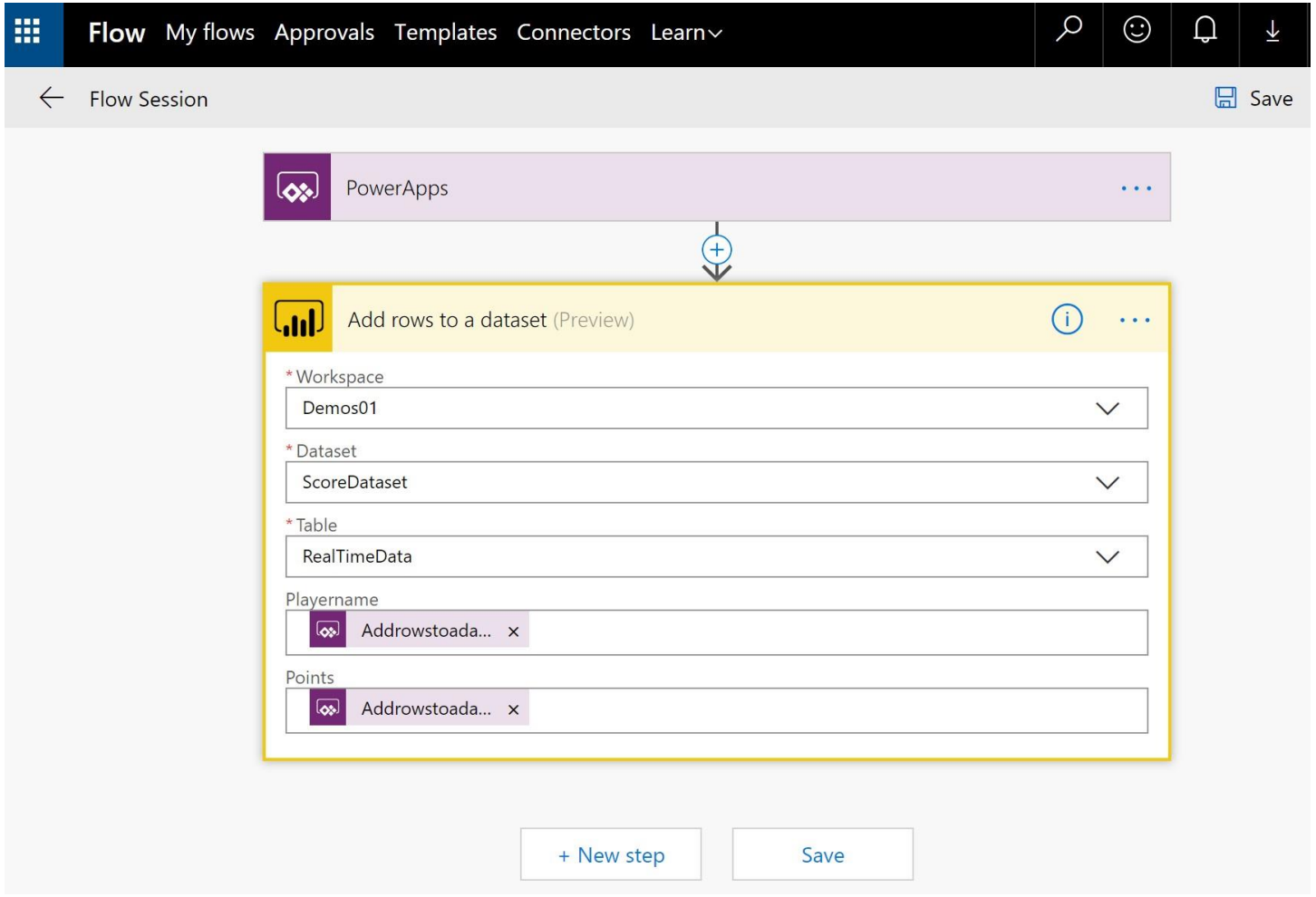
Action!

Demo Setup

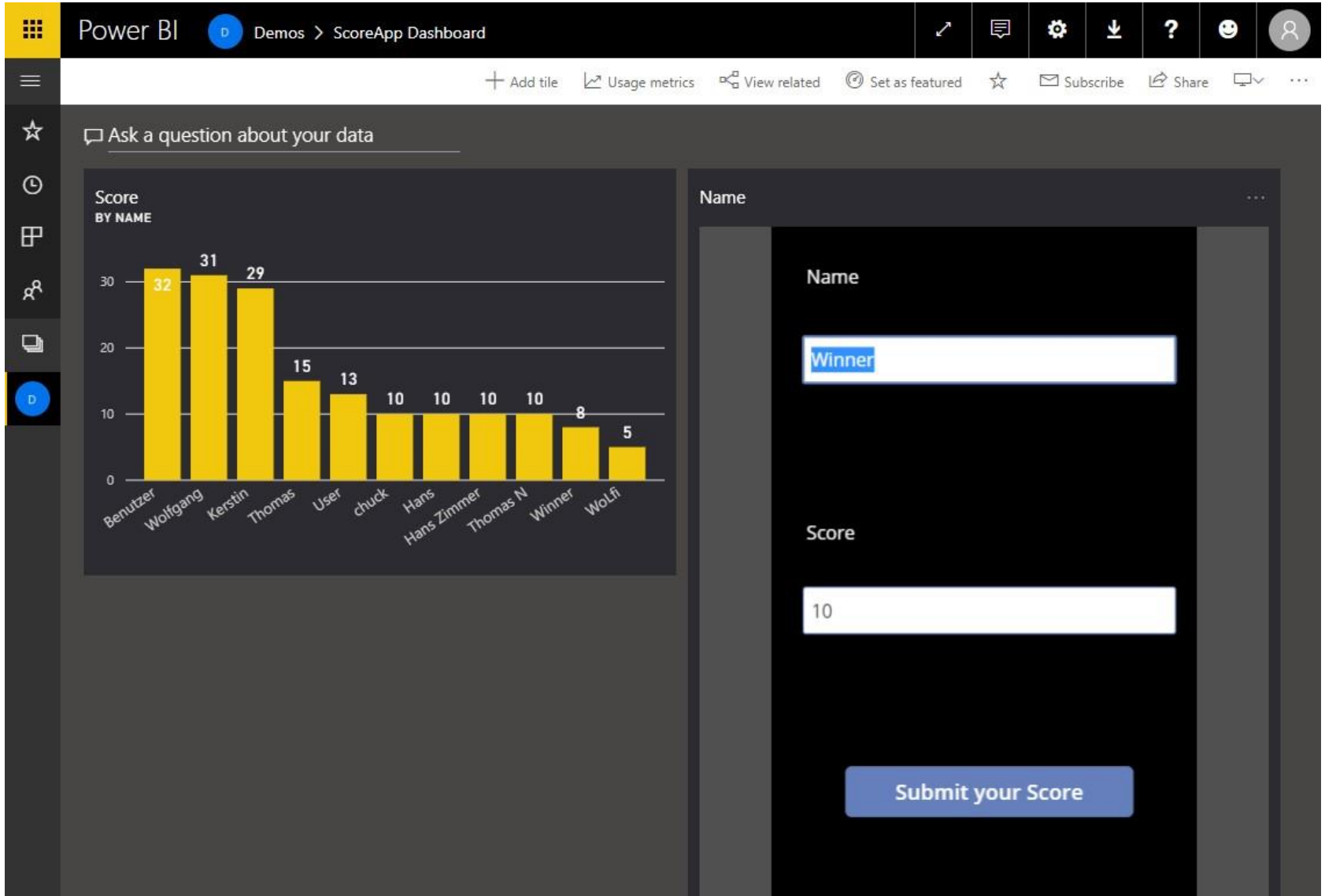

PowerPlatform: A few questions to start
* Required
1. How do you feel today? (1 star = not good, 5 = excellent) *
2. Do you know Power BI? *
Yes
No
3. Do you know PowerApps? *
Yes
No
XLS

Integration

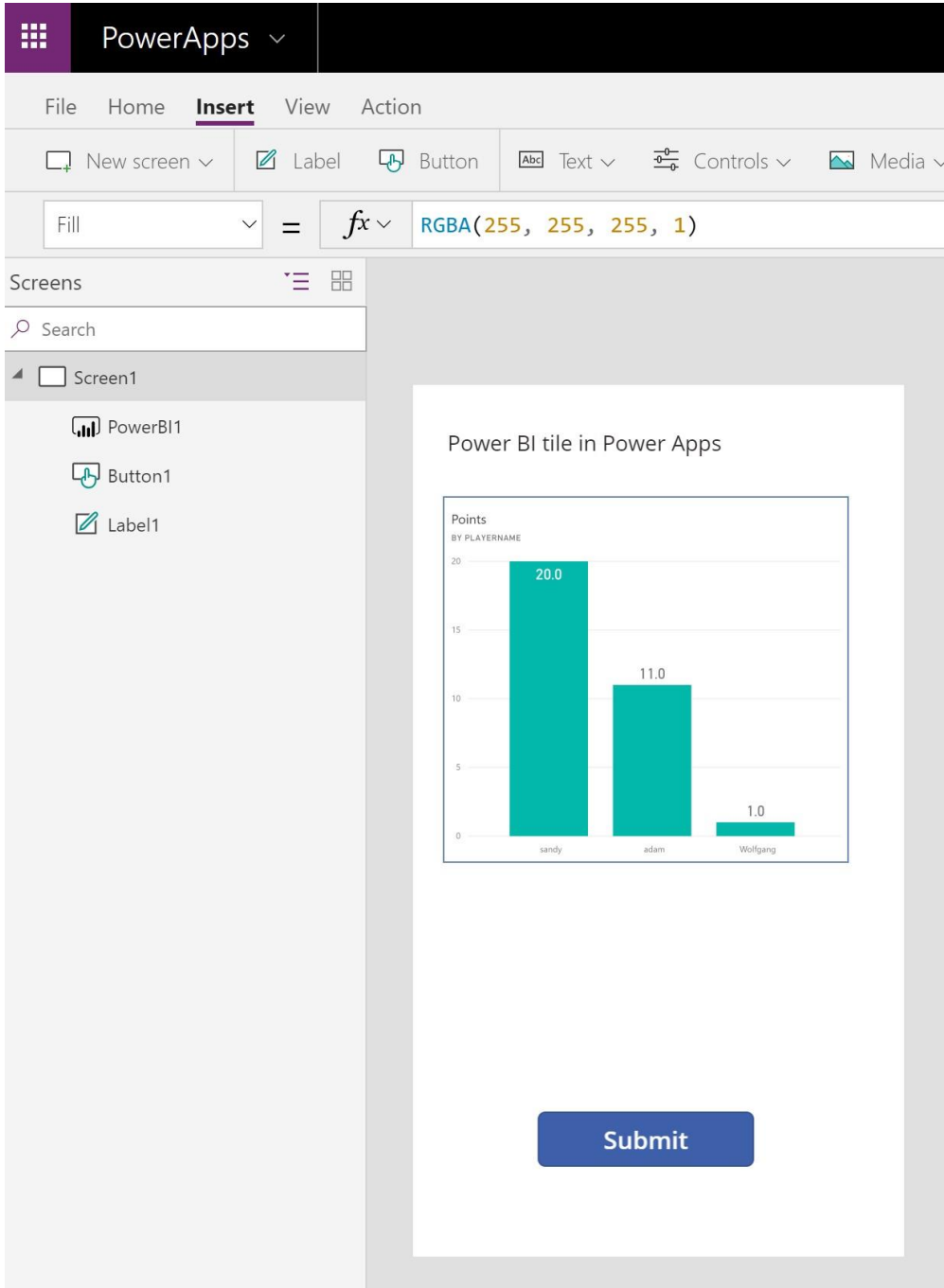
PowerApps and Flow



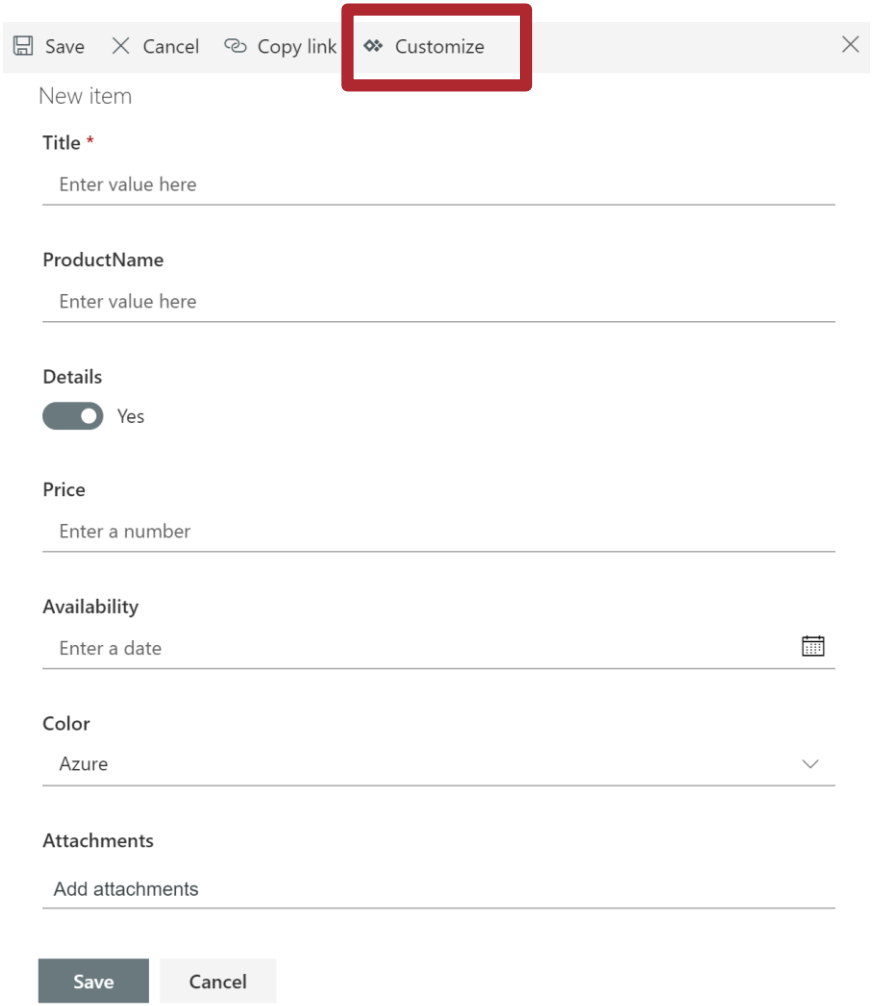
Power BI and PowerApps

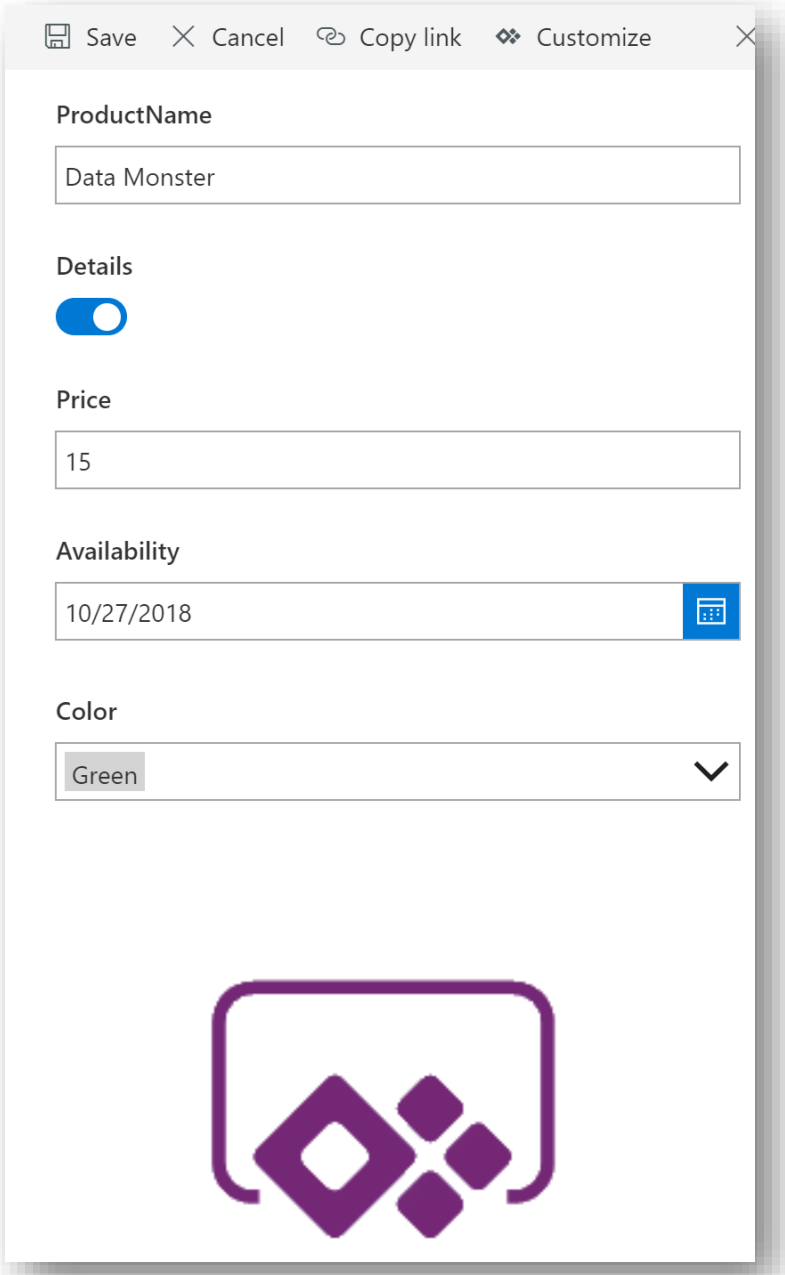


PowerApps and Power BI

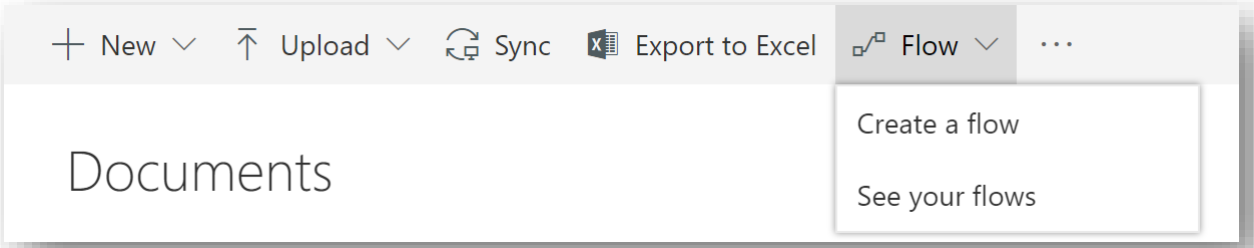


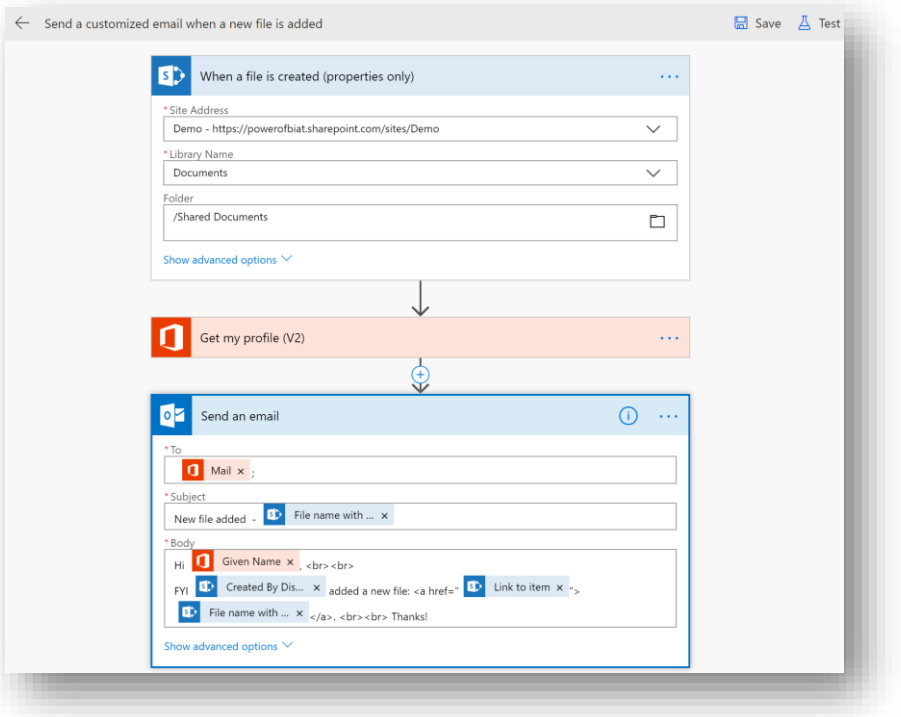
SharePoint and PowerApps

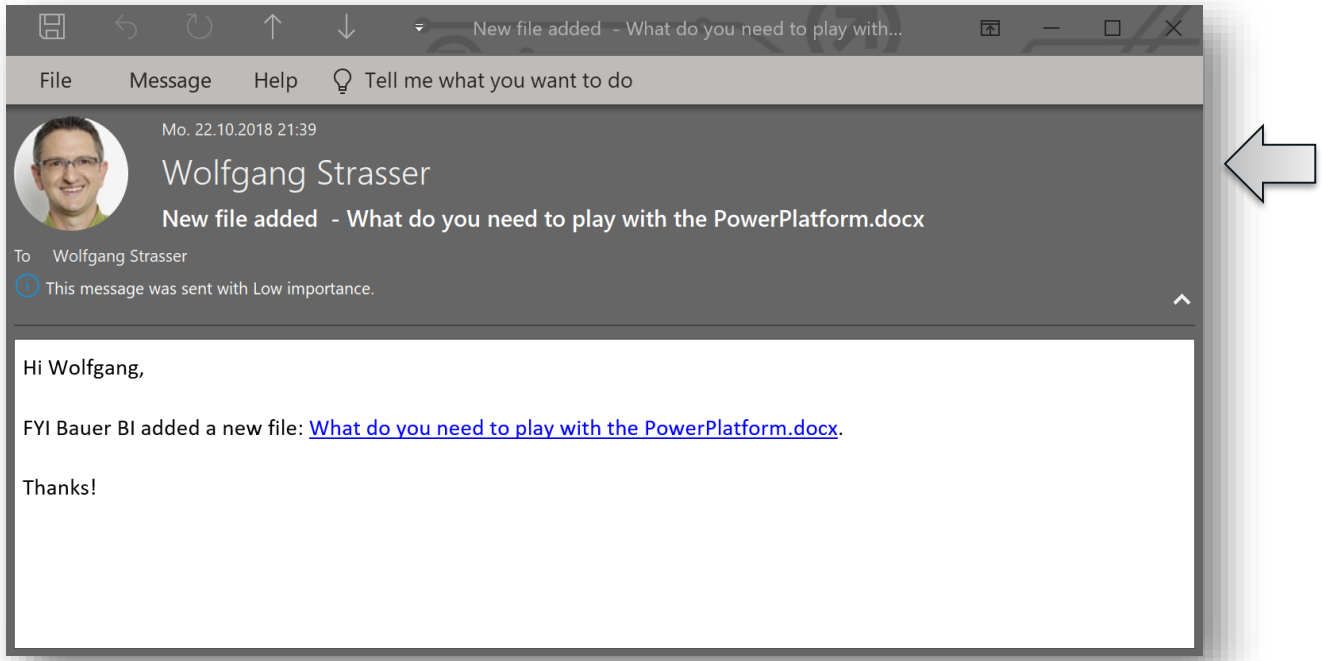




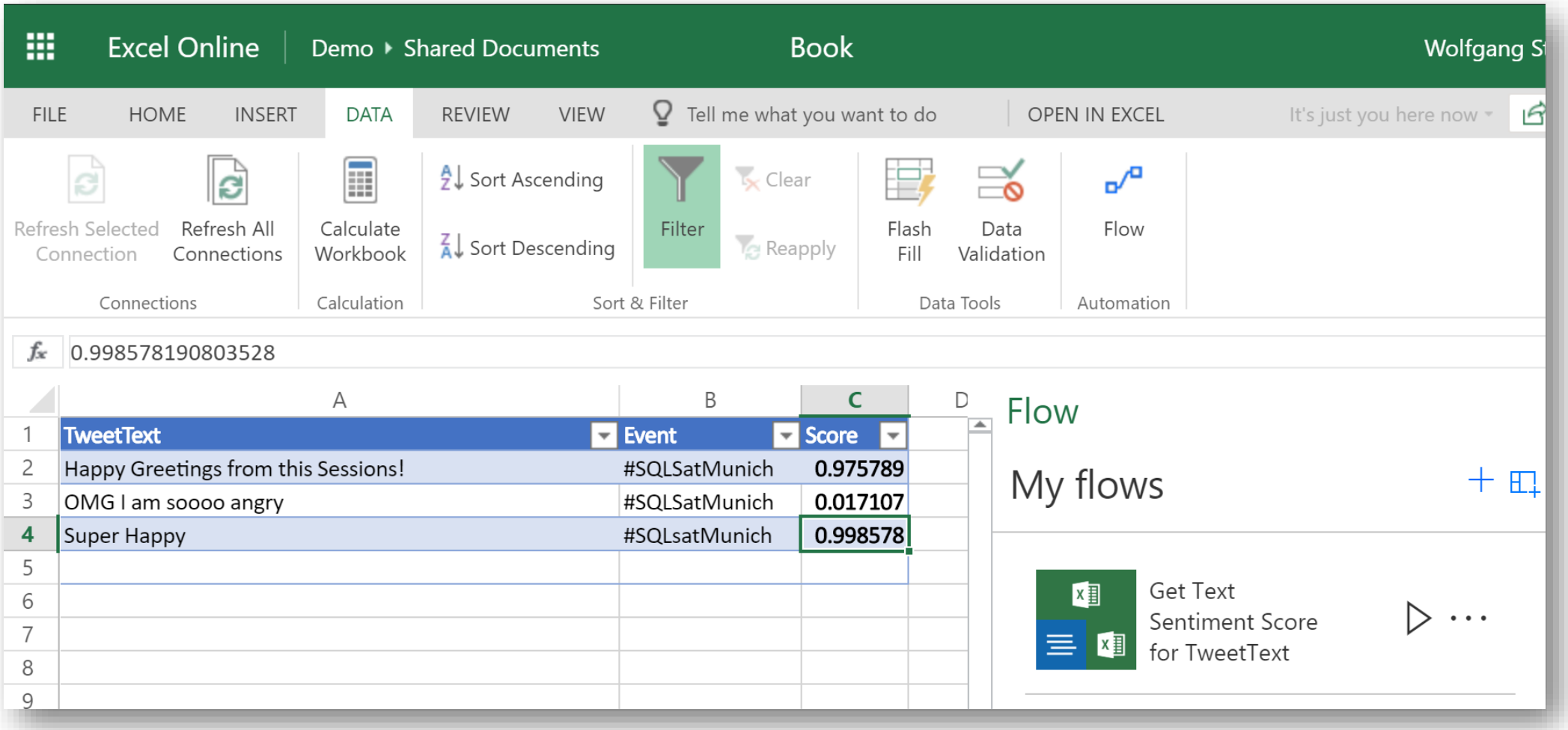
SharePoint and Flow



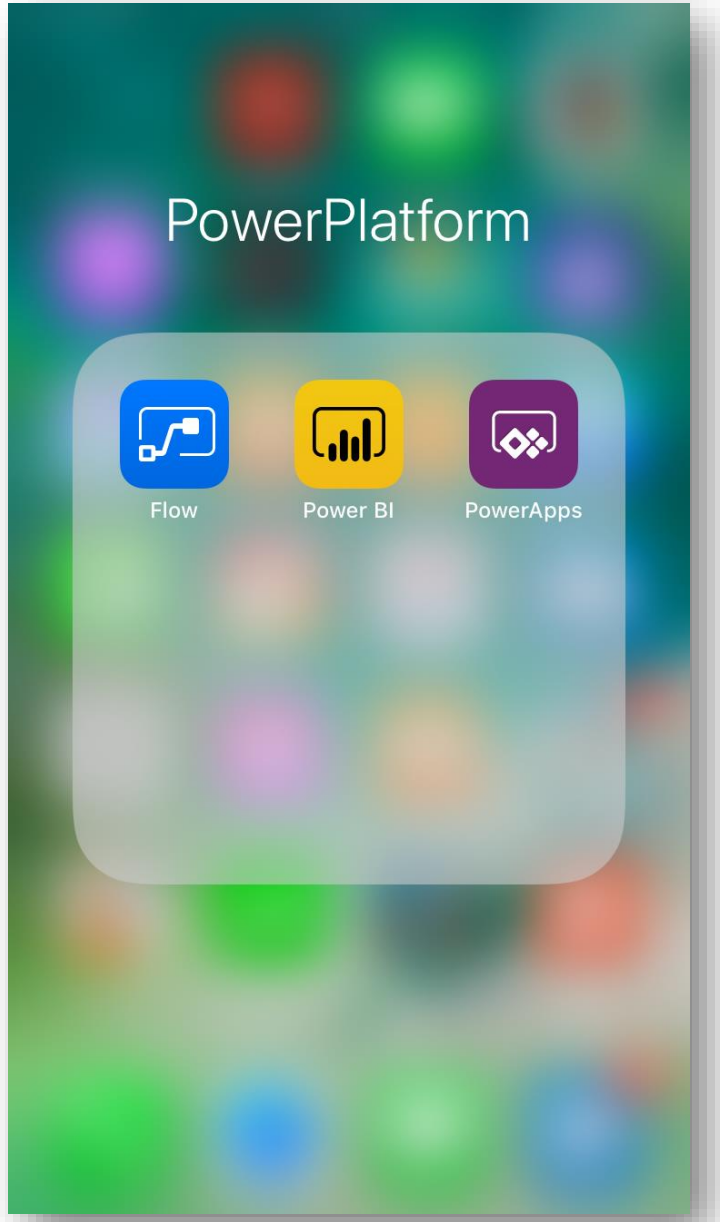




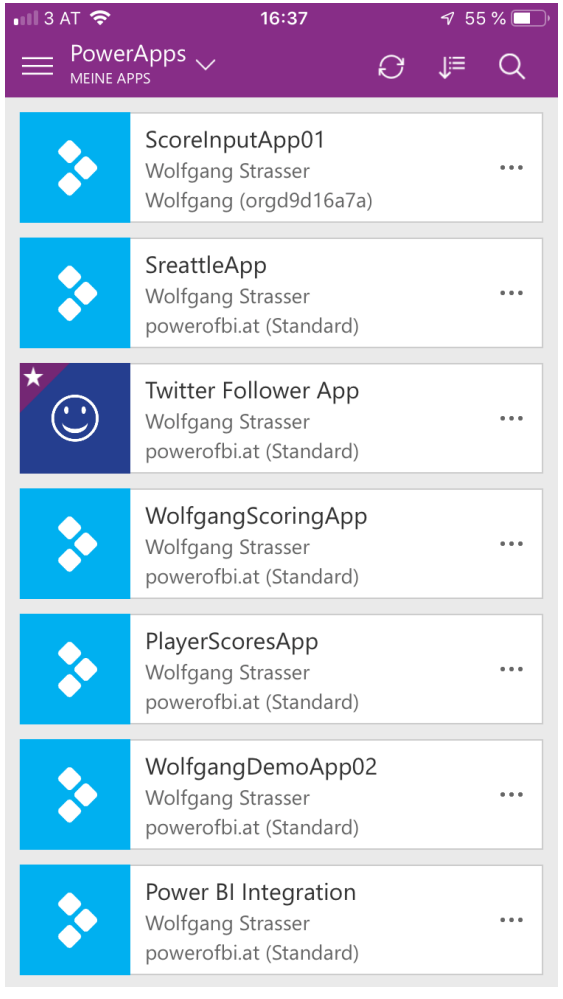
Excel and Flow



Mobile Applications



PowerApps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16:37
55 %
PowerApps
MEINE APPS
ScoreInputApp01
Wolfgang Strasser
Wolfgang (orgd9d16a7a)
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Wolfgang Strasser
powerofbi.at (Standard)
Twitter Follower App
Wolfgang Strasser
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PlayerScoresApp
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Power BI Integration
Wolfgang Strasser
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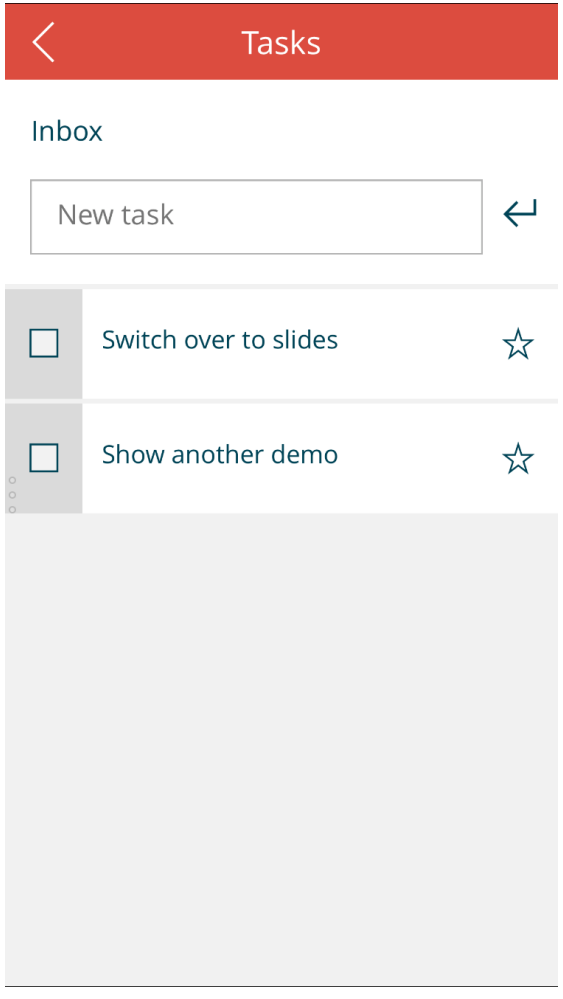
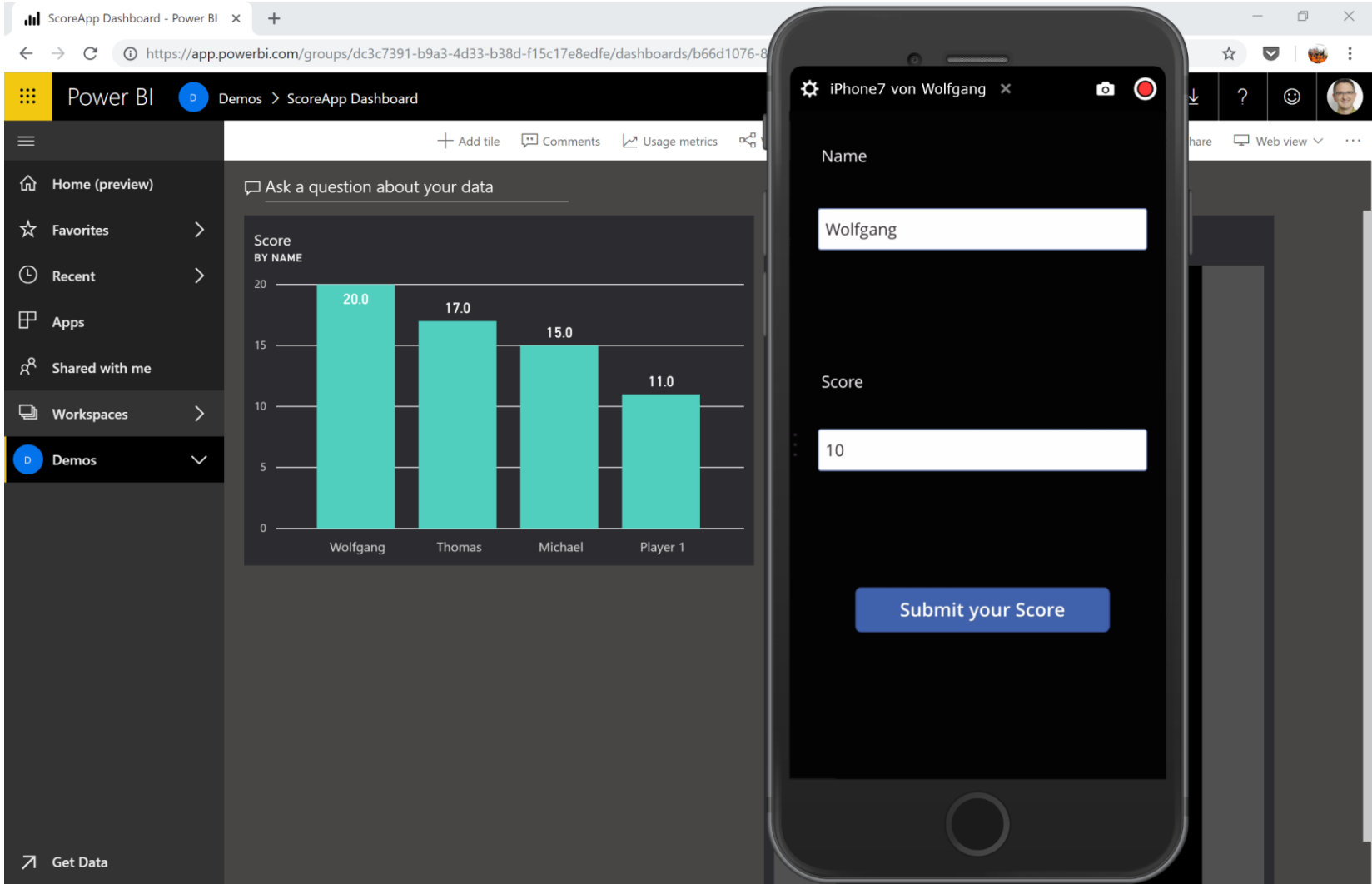
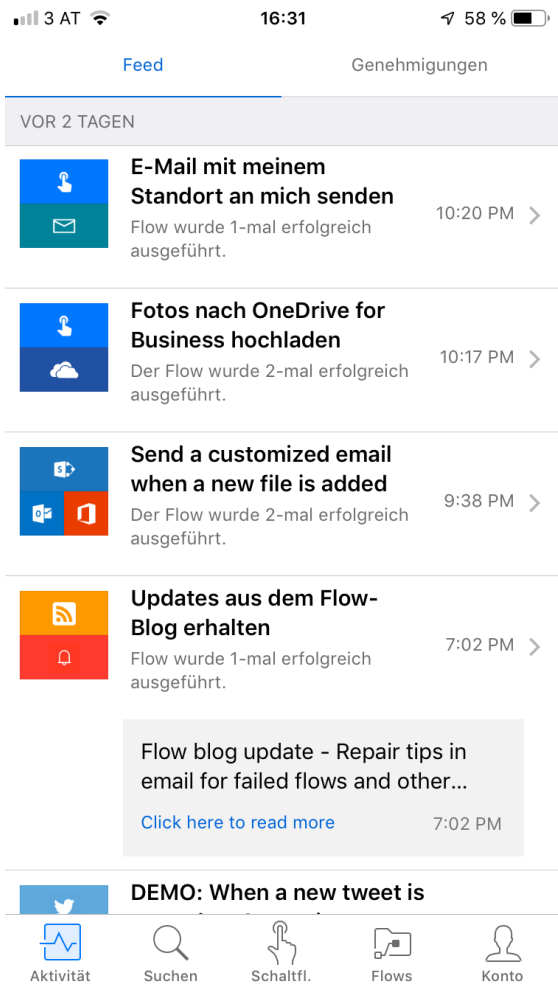
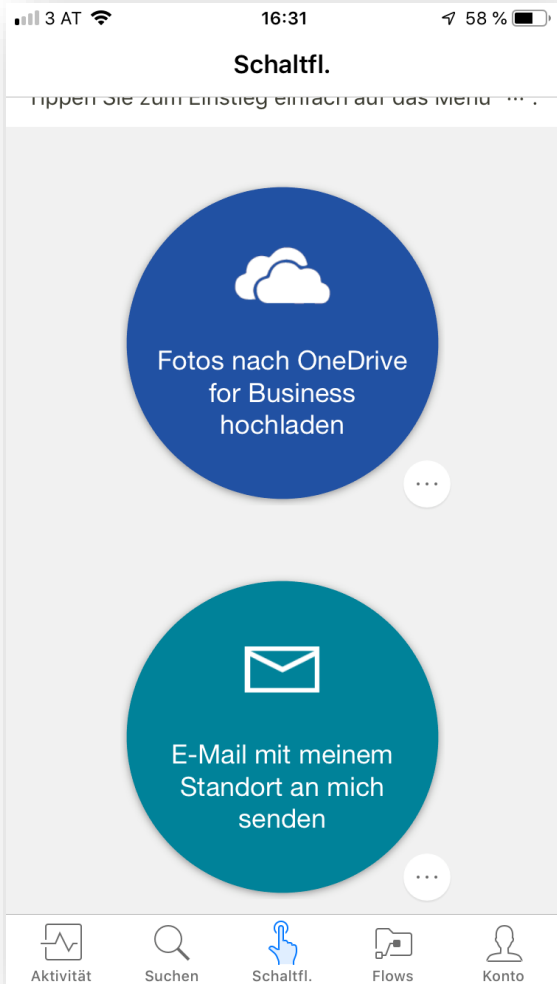

Tasks
Inbox
New task
Switch over to slides
Show another demo

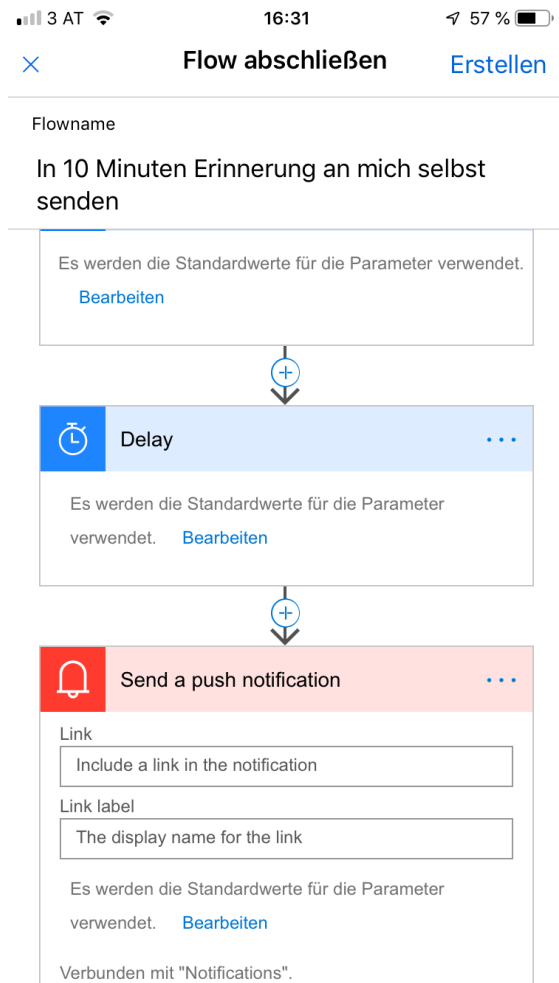
Power BI (& PowerApps)



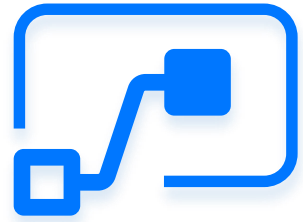
Flow Mobile App

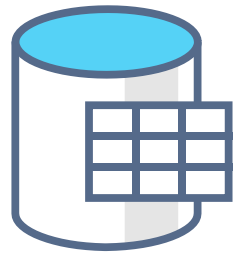






And.. Try it out & learn more!





PowerBI.Microsoft.com

PowerApps.Microsoft.com

Flow.Microsoft.com

github.com/Microsoft/CDM

24 Days of PowerPlatform – https://workingondata.wordpress.com

https://workingondata.wordpress.com/2018/09/04/power-platform-link-collection/

Vienna, Austria

- Dates
  - 29-30 October 2019
- Location
  - JUFA Hotel Wien City, Vienna, Austria
- About
  - 24+ breakout sessions designed for the Citizen Developer, Technical, Business, and New User
  - Add an additional day of training with an Academy Workshop*

**Additional registration required*

Register at: powerplatformworldtour.com

Save the Date!

SQLSATURDAY

PASS
AUSTRIA

Freitag, 24. Jänner 2020

Wolfgang Strasser

Microsoft® MVP Most Valuable Professional

Working @ UBIDO

Reach me at

wolfgang@powerofbi.at

@wstrasser

Read more at

https://workingondata.wordpress.com

Session Feedback Day 2 (not optional!)

http://bit.ly/DataGrillen2019Day2

Event Feedback (not optional!)

http://bit.ly/DataGrillen2019Event