



\*PASS

SQLSATURDAY Denmark #SQLSatDenmark

# A Form, a Flow and a Power BI Streaming Dataset Walk Into a Bar...

Nicky van Vroenhoven

Who are you?

<http://bit.ly/form-flow-pbi>

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# Who Are You?

<http://bit.ly/form-flow-pbi>



## Forms, Flow, Power BI - Who Are You

This is my form for SQL Saturday Denmark

\* Required

1. What is your name \*

# Nicky van Vroenhoven

Lead Expert Data management  
Van Lanschot Kempen



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nickyvv.com



Power BI Super User  
[community.powerbi.com](https://community.powerbi.com)



Power BI Days Dutch chapter co-founder  
[powerbidays.com](https://powerbidays.com)



Data Platform MVP




<http://bit.ly/form-flow-pbi>



# Who Are You?

<http://bit.ly/form-flow-pbi>



## Forms, Flow, Power BI - Who Are You

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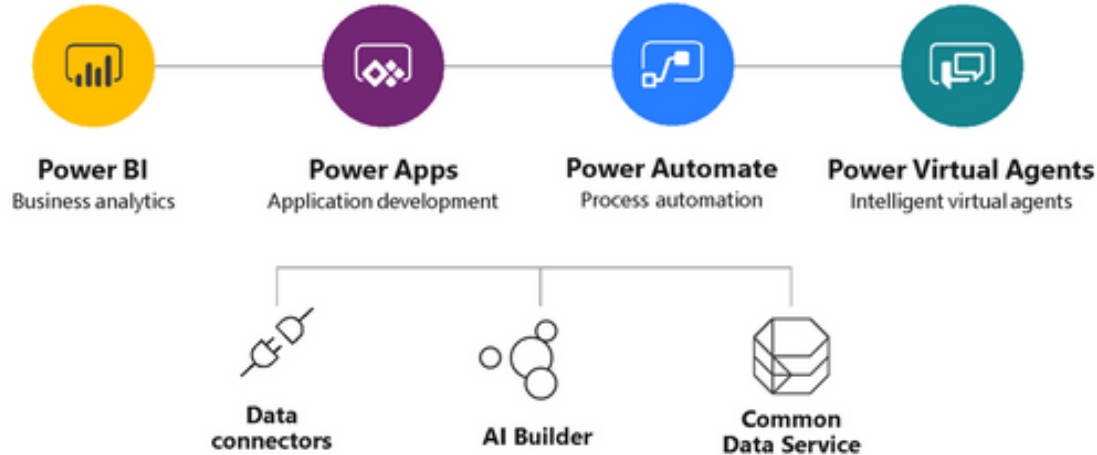
How to: [nickyvv.com/2019/12](http://nickyvv.com/2019/12)

# Power Platform: Better Together

## Microsoft Power Platform

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

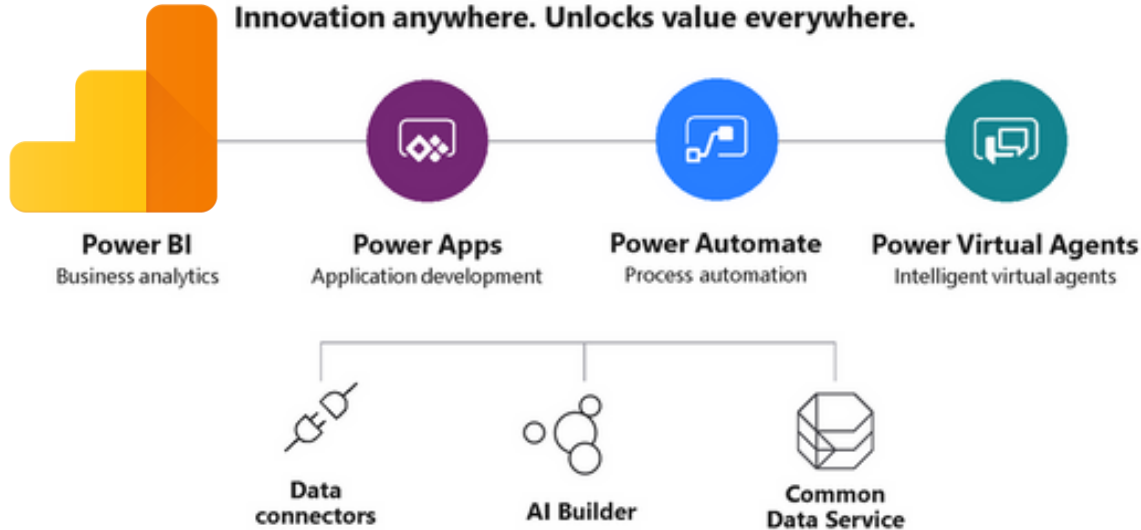
**Innovation anywhere. Unlocks value everywhere.**



# Power Platform: Better Together

## Microsoft Power Platform

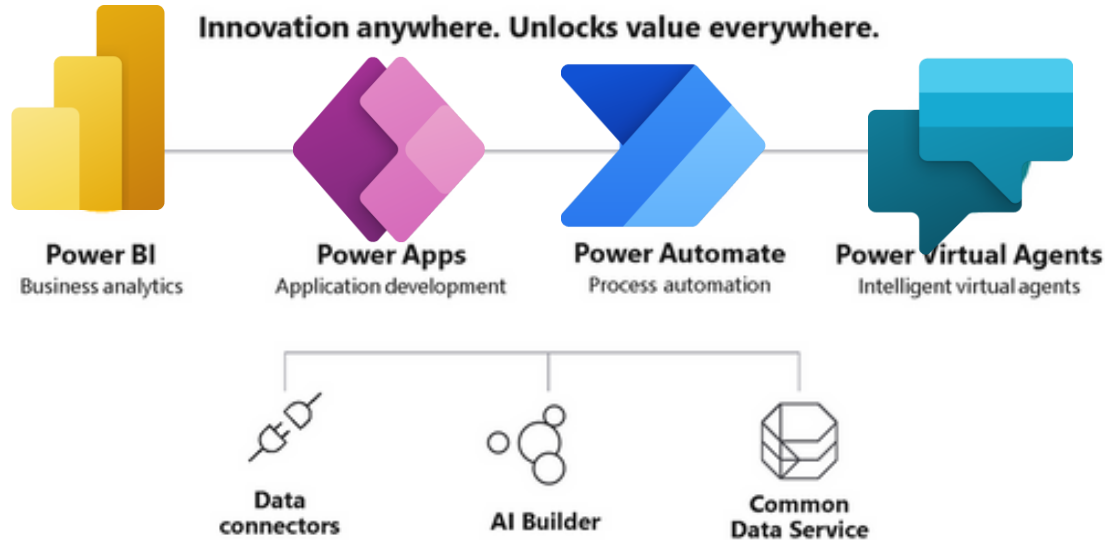
The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications



# Power Platform: Better Together

## Microsoft Power Platform

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





# Steps in this session

1. Create a form in



# Steps in this session

1. Create a form in 
2. Create a  streaming dataset

# Steps in this session

1. Create a form in



2. Create a



streaming dataset

# Steps in this session

1. Create a form in



2. Create a







streaming dataset






3. Create a Flow in








# Steps in this session

1. Create a form in 
2. Create a  streaming dataset
3. Create a Flow in 
4. Create a  report

# Steps in this session

1. Create a form in 
2. Create a  streaming dataset
3. Create a Flow in 
4. Create a  report
5. Create a dashboard in 

# Steps in this session

1. Create a form in 
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- 6....

# Detailed steps

1. Create a form
  - Multiple choice is hard to use in Power BI
2. Create a Power BI streaming dataset
3. Create an **Automated flow**
  - Our form is the trigger
4. Create a Power BI report
  - From the streaming dataset
5. Create a Power BI dashboard, for **live refresh**
6. Create a short URL to share
7. ...



# Demo!

# Add more steps to your Flow

- Data Loss Prevention Policy

# Add more steps to your Flow

- Data Loss Prevention Policy

**Power Platform admin center** | Admin center

DLP Policies > View Policy

✓ Policy name  
VLKCO Default DLP Policy

✓ Connectors

✓ Scope

✓ Review

### Assign connectors ⓘ

Business (28)   Non-business (319) | Default   Blocked (0)

Business (28)

Connectors for sensitive data. Connectors in this group can't share data with connectors in other groups.

# Add more steps to your Flow

- Data Loss Prevention Policy

## Examples:

- Teams
  - New thread or reply
- Twitter:
  - For uniques add an increment or datetime
- Write to a database (Premium connector)

# Add even more steps to your Flow

- Use Revolver to cycle through tabs ([Chrome extension](#))

A cartoon illustration of a crowd of people, represented by grey circles and stick figures, holding up a large white sign. The sign has a light grey rectangular area in the center containing red text. The background is a light grey gradient.

What solutions  
can you come up  
with for a live  
dashboard?

# Resources

- Blog posts with walkthrough of solution
  - [Part 1: nickyv.com/2019/12](https://nickyvv.com/2019/12)
  - [Part 2: nickyv.com/2020/01](https://nickyvv.com/2020/01)
- Power Automate template for Forms and Power BI
  - [Flow Template for Forms and Power BI](#)
- [Data Loss Prevention Policies](#)
- Revolver ([Chrome extension](#))

## Other use cases

- [Create a Power BI streaming dataset for real-time dashboards \(Guy in a Cube\)](#)
  - Push data with PowerShell
- [Building a Real-time IoT Dashboard with Power BI: A Step-by-Step Tutorial](#)
  - With a Raspberry pi and a DHT22 sensor

# Teams Meetings

- [Azure BI - Join Microsoft Teams Meeting](#)
- [Azure DB - Join Microsoft Teams Meeting](#)
- [Cloud Development - Join Microsoft Teams Meeting](#)
- [Data Platform - Join Microsoft Teams Meeting](#)
- [Power BI - Join Microsoft Teams Meeting](#)





Thank you

and let's connect!



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