PASS SQLSATURDAY

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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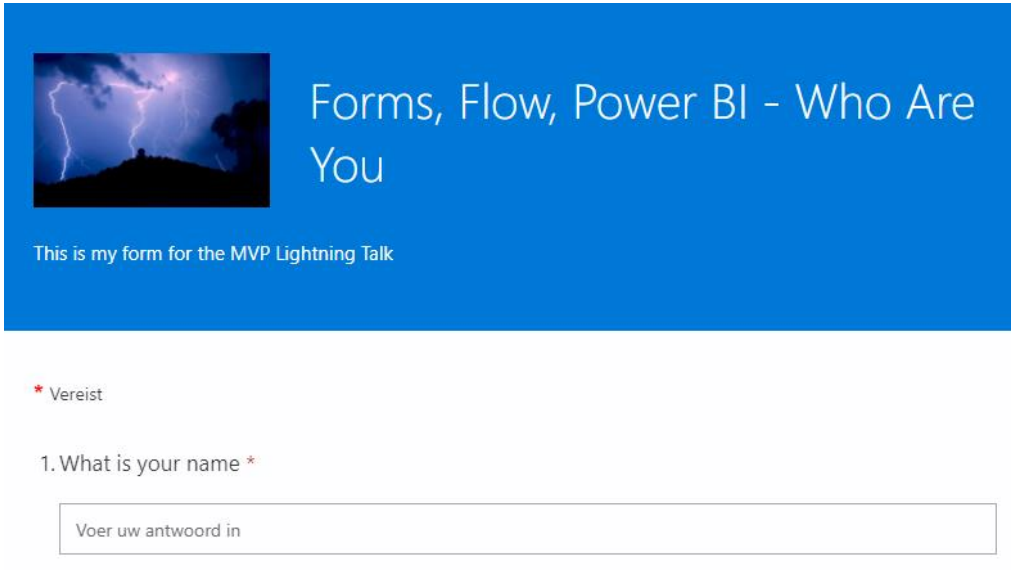

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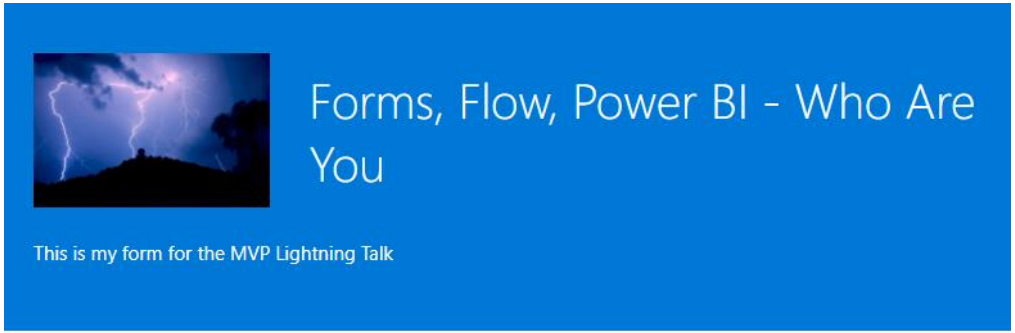
Power BI Super User
community.powerbi.com

Power BI Days Dutch chapter co-founder powerbidays.com

Data Platform MVP

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

Who Are You?



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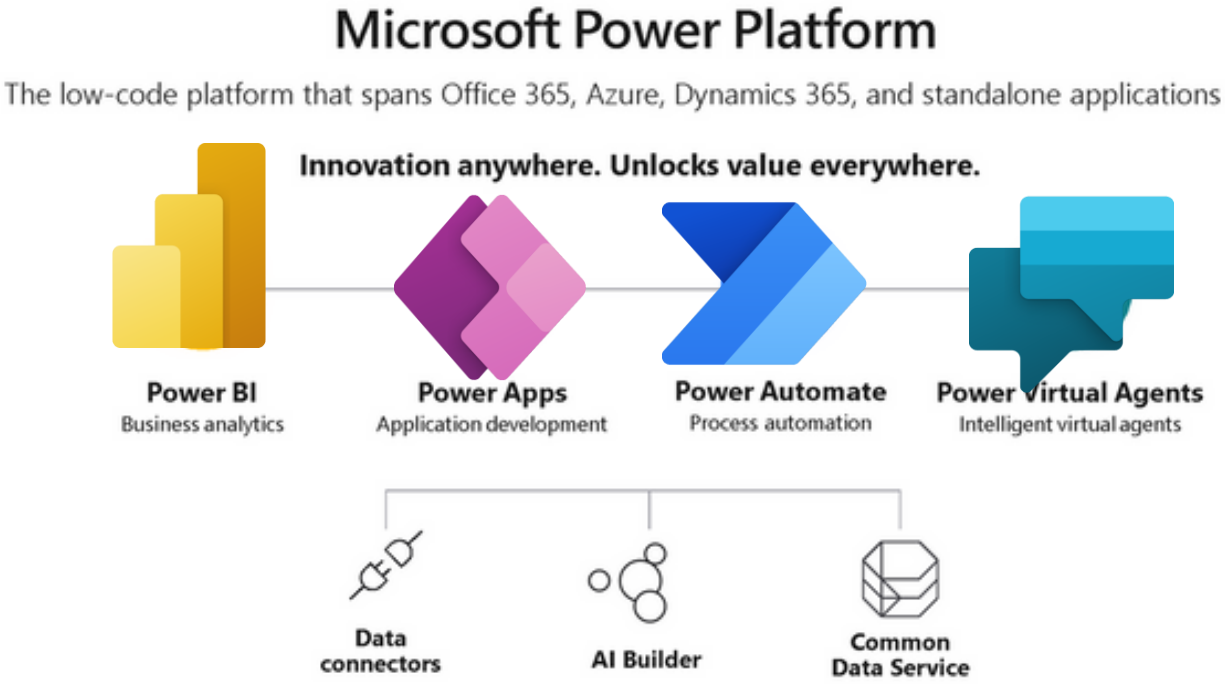
How to: nickyvv.com/2019/12

Power Platform: Better Together



Steps in this session

1. Create a form in

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2. Create a streaming dataset

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4. Create a report

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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

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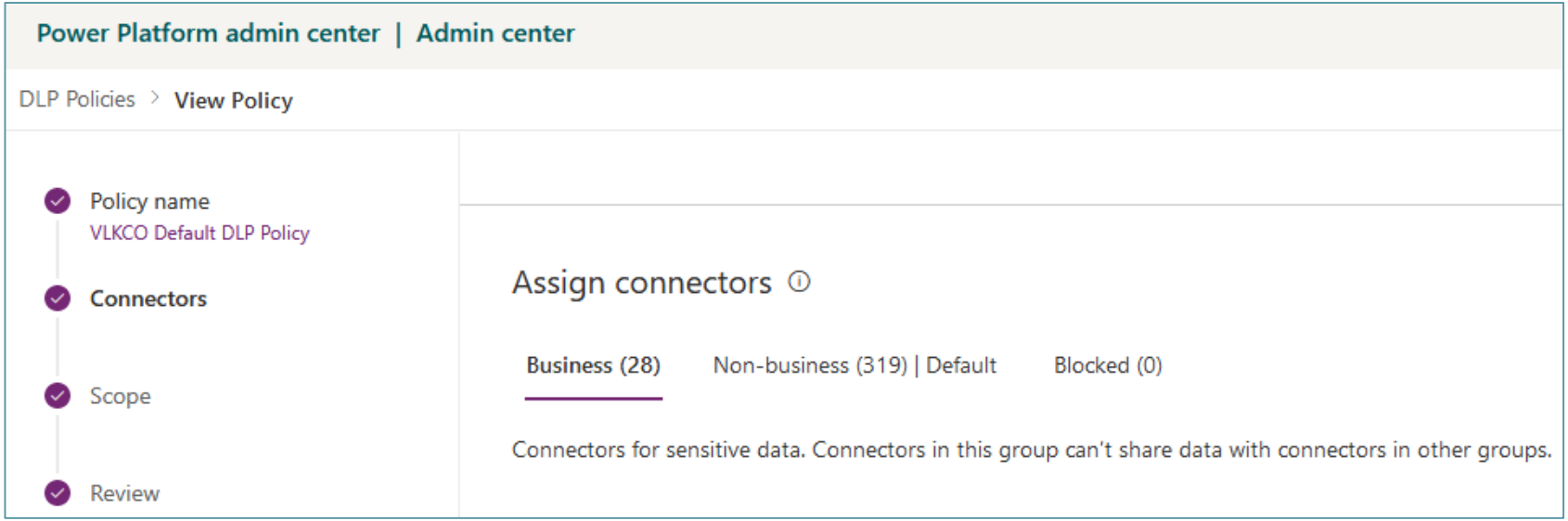

Add more steps to your Flow

- 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)

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

Resources

- Blog posts with walkthrough of solution
  - Part 1: nickyvv.com/2019/12
  - Part 2: 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

Thank you

and let's connect!

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