

**NEW ZEALAND  
BUSINESS  
APPLICATIONS  
SUMMIT 2022**

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

Nicky van Vroenhoven

Unit Lead Power BI



**NEW ZEALAND  
BUSINESS  
APPLICATIONS  
SUMMIT 2022**



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

Nicky van Vroenhoven

Unit Lead Power BI



# Who Are You?



<https://bit.ly/3DWuXPS>

A screenshot of a web form titled "Who Are You? (Form, Flow, Power BI)". The form has a light green header with a small image of a beach and the title. Below the header, there is a message: "This is a form for my session on Forms, Power Automate and Power BI. All answers will be deleted after this session." The form contains two required questions: "1. My name is:" and "2. My country of origin is:". Each question has a text input field with the placeholder "Enter your answer". The form is set against a background image of a tropical beach with blue water and green hills.

How to: [nickyv.com/2019/12](https://nickyv.com/2019/12)



 @NickyvV

 NickyV.com

#NZBAS22

# Power Platform: Better Together



<https://bit.ly/3DWuXPS>



# Nicky van Vroenhoven

Unit Lead Power BI



 @NickyvV

 nickyv.com



Data Platform MVP



[bit.ly/3DWuXPS](https://bit.ly/3DWuXPS)



#NZBAS22

# Who Are You?



<https://bit.ly/3DWuXPS>

A screenshot of a web form titled "Who Are You? (Form, Flow, Power BI)". The form has a light green header with a small image of a beach and the title. Below the header, there is a message: "This is a form for my session on Forms, Power Automate and Power BI. All answers will be deleted after this session." The form contains two required questions: "1. My name is:" and "2. My country of origin is:". Each question has a text input field with the placeholder "Enter your answer". The form is set against a background image of a tropical beach with blue water and green hills.

How to: [nickyv.com/2019/12](https://nickyv.com/2019/12)



 @NickyvV

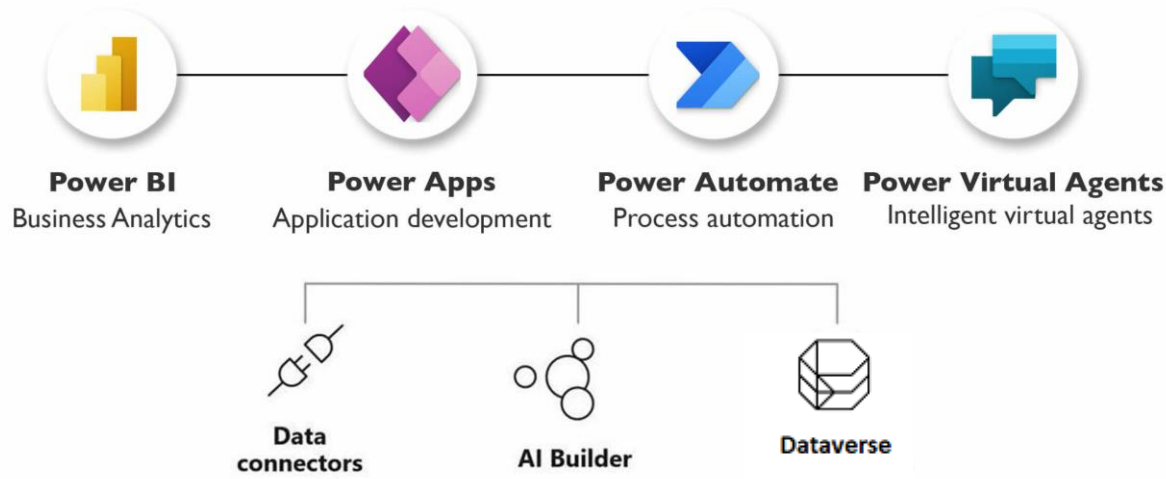
 NickyV.com

#NZBAS22



# Power Platform: Better Together

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



# Steps in this session

1. Create a form in



@NickyvV



NickyvV.com

#NZBAS22



# Steps in this session

1. Create a form in



2. Create a



streaming dataset



@NickyvV



NickyvV.com

#NZBAS22

# Steps in this session

1. Create a form in



2. Create a



streaming dataset

3. Create a Flow in



@NickyvV



NickyvV.com

#NZBAS22

# 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



2. Create a  streaming dataset

3. Create a Flow in



4. Create a  report

5. Create a dashboard in



6. ...



@NickyvV



NickyvV.com

#NZBAS22

# 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. ...



@NickyvV



NickyvV.com

#NZBAS22

# Demo!



@NickyvV



NickyvV.com

#NZBAS22



# Add more steps to your Flow

- Data Loss Prevention Policy



@NickvV



NickvV.com

#NZBAS22

# 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)

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 uniqueness add an increment or datetime
- Write to a database (Premium connector)



@NickyvV



NickyvV.com

#NZBAS22

# Add even more steps to your Flow

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



@NickyvV



NickyvV.com

#NZBAS22

# Resources

- Blog posts with walkthrough of solution
  - [Part 1](https://nickyvv.com/2019/12): [nickyvv.com/2019/12](https://nickyvv.com/2019/12)
  - [Part 2](https://nickyvv.com/2020/01): [nickyvv.com/2020/01](https://nickyvv.com/2020/01)
- [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



@NickyvV



NickyvV.com

#NZBAS22

# Thank you



# Microsoft

## and let's connect!



NickyvV.com



@NickyvV



[www.linkedin.com/in/nickyvanvroenhoven/](http://www.linkedin.com/in/nickyvanvroenhoven/)



@NickyvV



NickyvV.com