Power Automate 101

Alexander Klein

Less code more power

No code more power

Who am I ?



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        "Azure",
        "AI"
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"linkedin" : "https://www.linkedin.com/in/alexander-klein-ai/"
}
```



Agenda

- Power Platform
- Power Automate
- Demo
- Demo
- Demo





Dataverse



Power Apps



Power Automate



Power BI



AI Builder

What is Power Platform

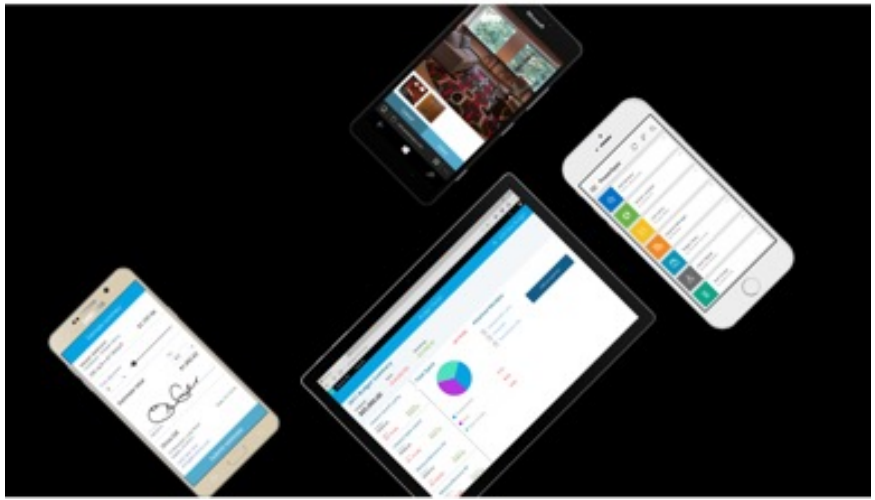


Power Virtual Agents

Microsoft Flow since 2016

Microsoft PowerApps and Flow are generally available starting tomorrow

Oct 31, 2016 | James Phillips - Corporate Vice President, Microsoft Business Applications Group



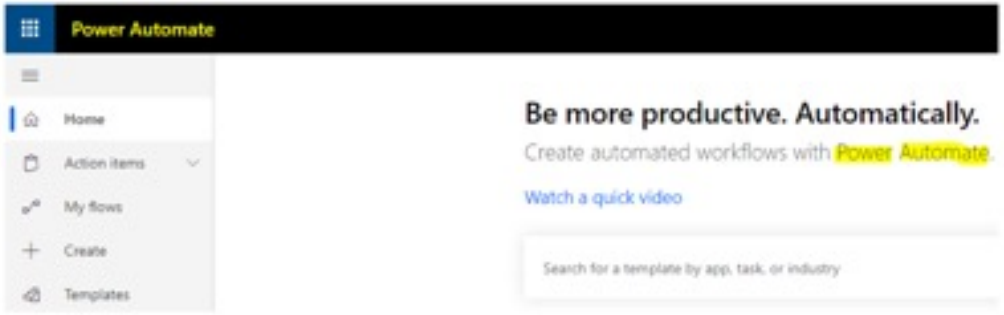
Power Automate since 2019

MICROSOFT FLOW BECOMES POWER AUTOMATE AND OTHER COOL FEATURES FROM MICROSOFT IGNITE 2019

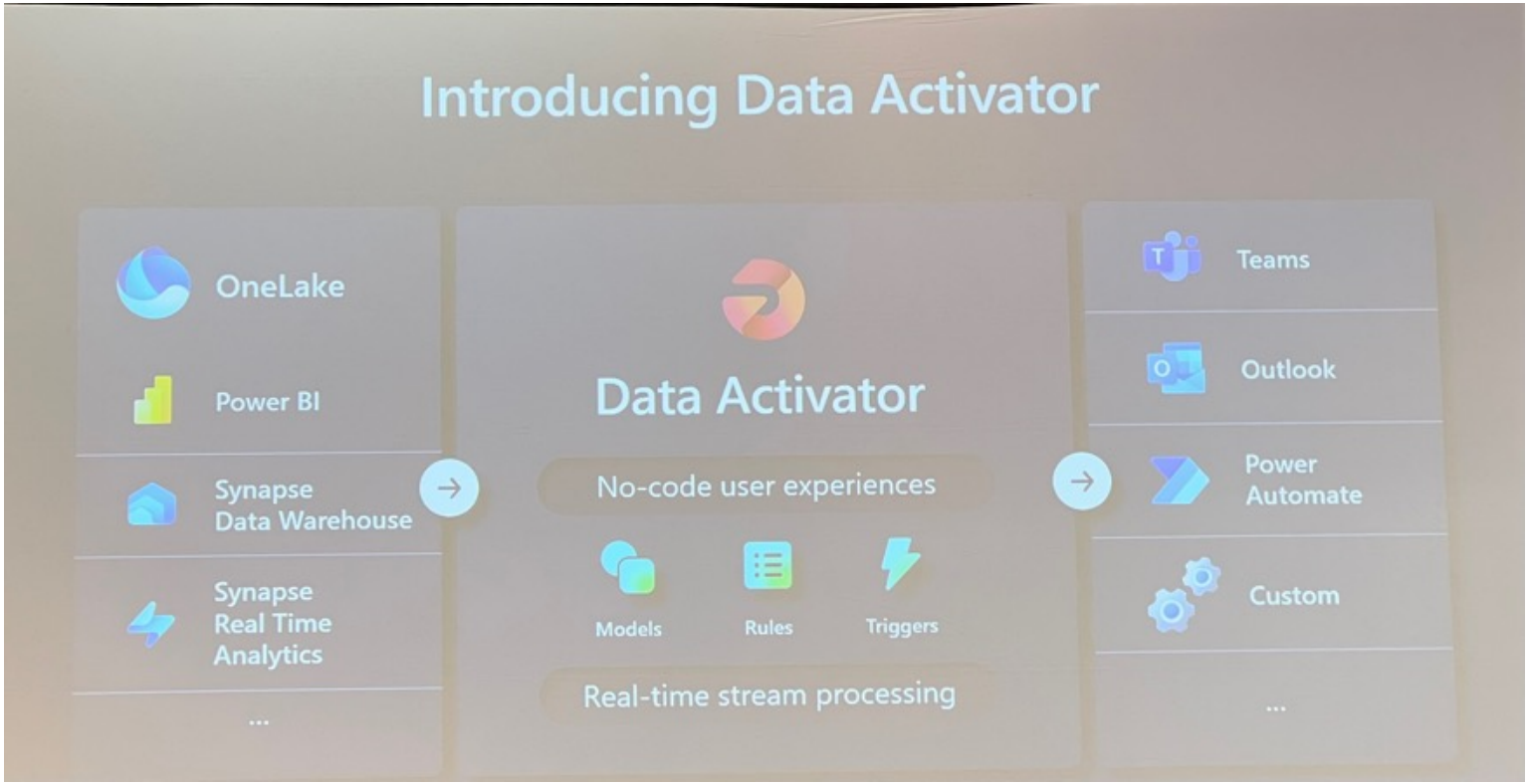
November 5, 2019 Leave a comment

As announced in at the Microsoft Ignite 2019 conference in Orlando, FL, Microsoft Flow will now be known as **Power Automate**. The rebranding moves the product in line with the Microsoft Power Platform, which consists of PowerApps, Power BI and now (formerly Flow) Power Automate. Microsoft has been describing the Power Platform as a way to "analyze, act, and automate" data and processes, so it's not a huge surprise that the emphasis on "automate" has taken center stage.

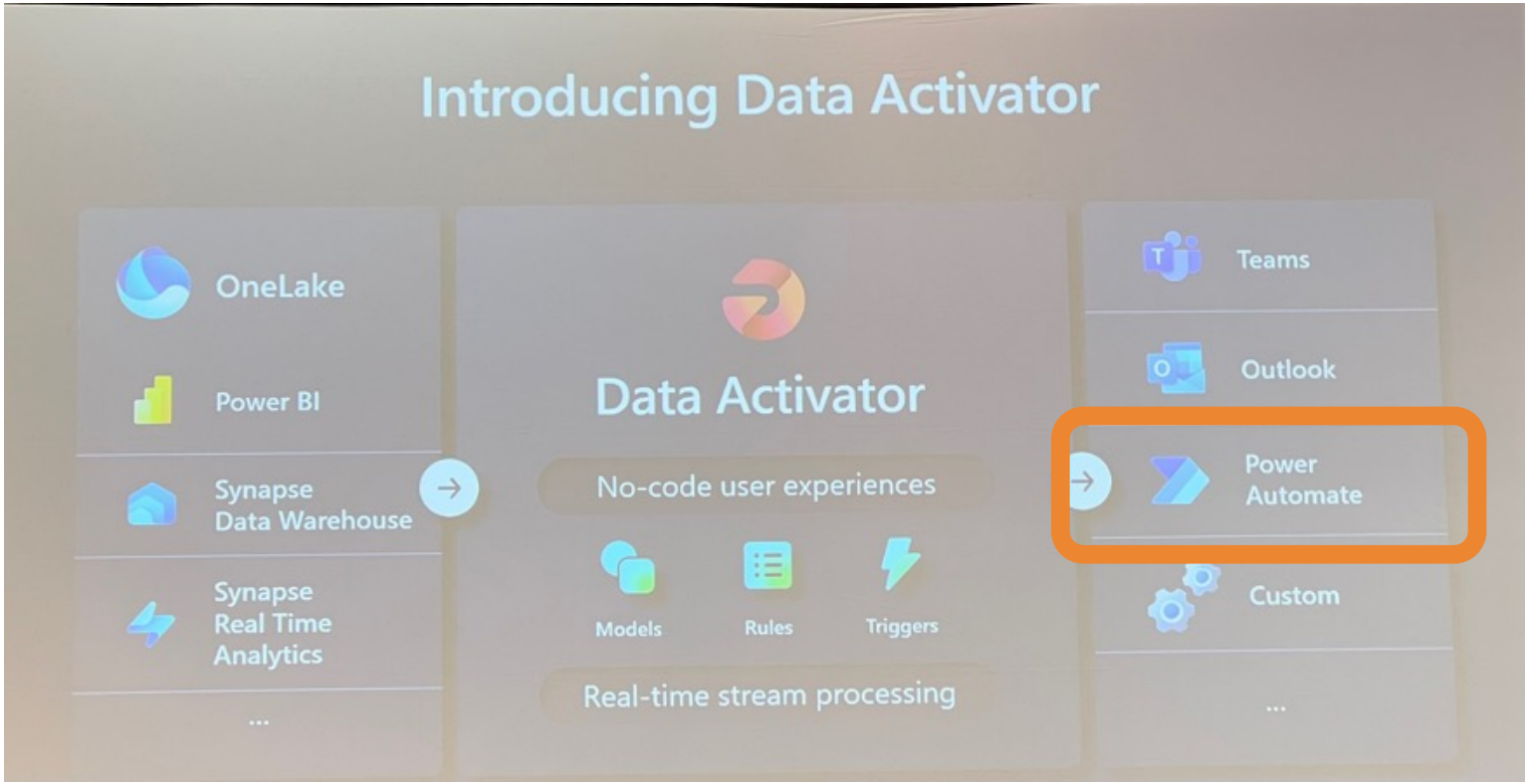
In logging into https://flow.microsoft.com/, we see the new branding has already taken effect:



Fabric


Introducing Data Activator
OneLake
Power BI
Synapse Data Warehouse
Synapse Real Time Analytics
...
Data Activator
No-code user experiences
Models
Rules
Triggers
Real-time stream processing
Teams
Outlook
Power Automate
Custom
...

Fabric


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OneLake
Power BI
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Data Activator
No-code user experiences
Models
Rules
Triggers
Real-time stream processing
Teams
Outlook
Power Automate
Custom
...

Microsoft Power Automate?

Power Automate is a cloud-based workflow automation platform provided by Microsoft. It can automate repetitive tasks and processes across various applications and services, such as Microsoft 365, Salesforce, Gmail, and many others. The platform enables users to create custom workflows called "flows" triggered by specific events, such as creating a new file in OneDrive, or a new email in Gmail. With Power Automate, users can automate tasks such as data processing, file transfers, email notifications, and more, freeing up time to focus on higher-value tasks.

Key Features of Power Automate

- Workflow Automation: Automate repetitive tasks and processes across various applications and services.
- Triggers and Actions: Create custom workflows that are triggered by specific events, such as the creation of a new file in OneDrive or the receipt of a new email.
  Integration with Microsoft 365 and other services: Connect to a wide range of applications and services, including Microsoft 365, Salesforce, Gmail, and many others.

Key Features of Power Automate

- No-code/Low-code Platform: Users can create flows using a drag-and-drop interface or a simple, no-code/low-code language, making it easy to automate tasks without requiring extensive programming skills.
- Mobile App: Access and manage flows from anywhere using the Power Automate mobile app.
- Robust Security: Ensure data privacy and security with enterprise-grade security features, such as encryption and role-based access control.

Types of Power Automate Flow

Cloud Flow

- The use of triggers and actions
- Types of cloud flow: Scheduled, Instant and Automated flow
- Run a flow from the cloud

Business Process Flow

- Stages and Steps
- Table in Dataverse

Desktop Flow

- Attended and Unattended flow
- Flow designer
- Robotic Automation Process
- Automate tasks on your desktop

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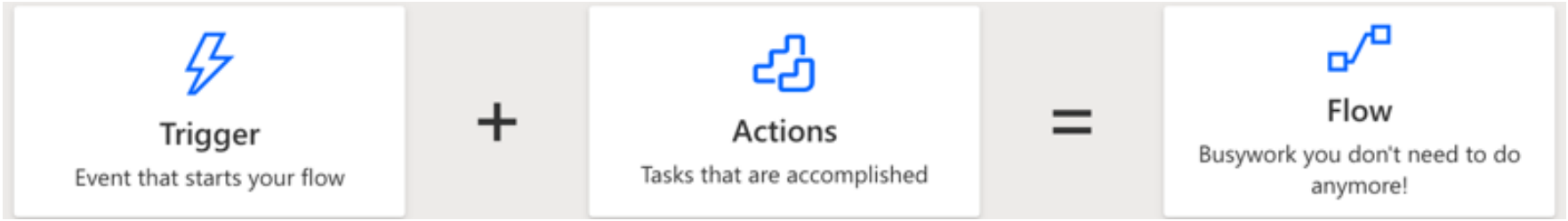
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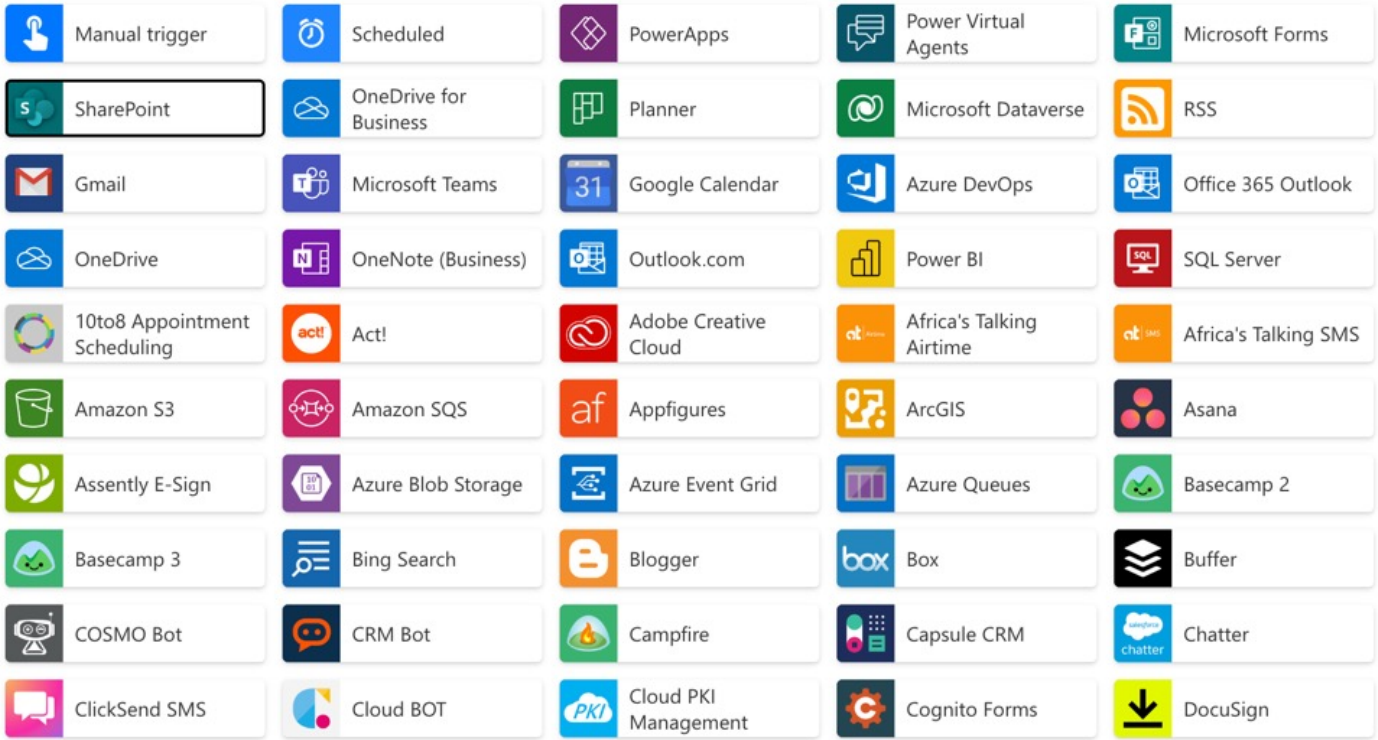
Business Process Flow

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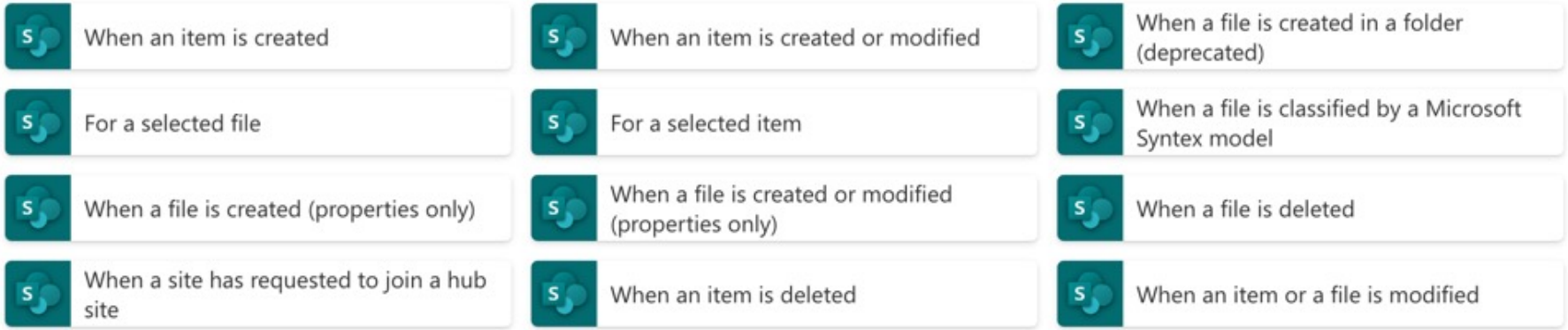
The building blocks of automation



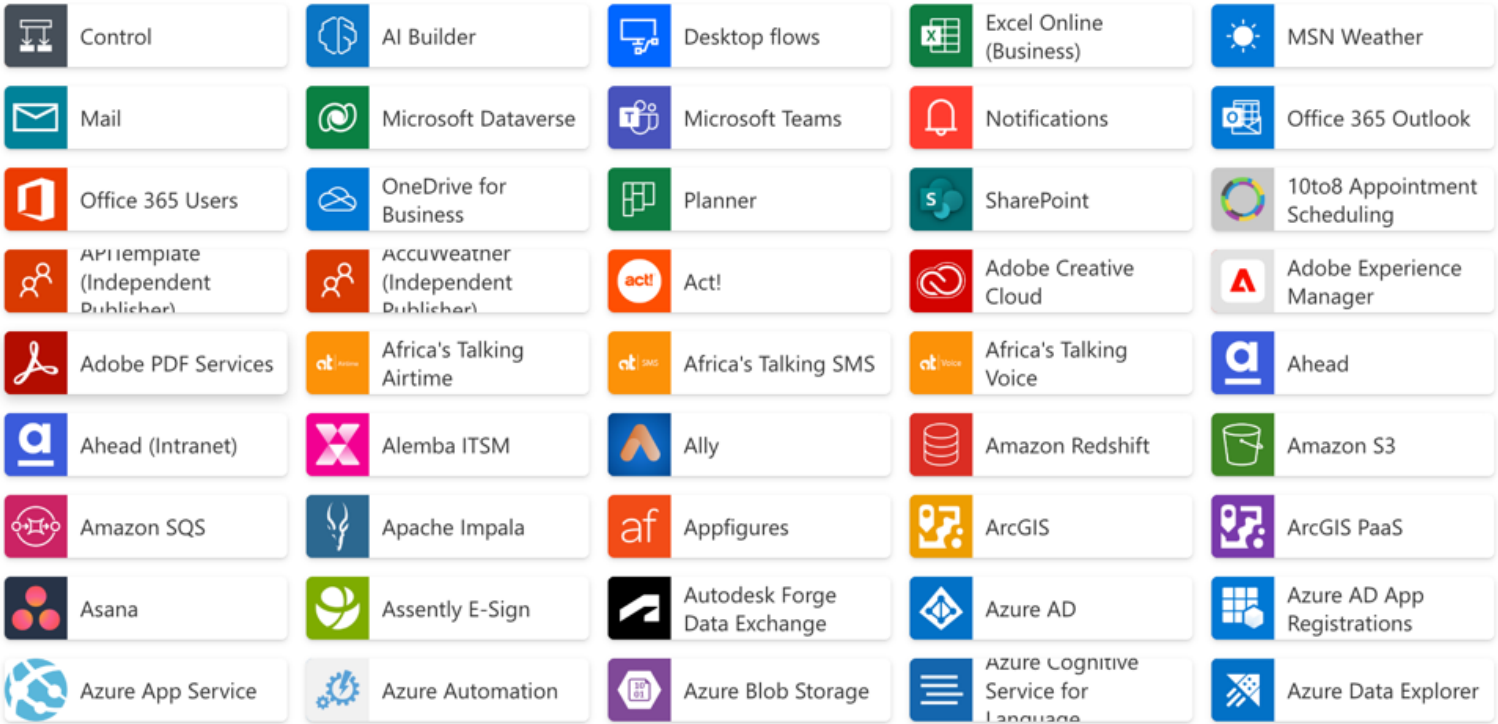
Choose a trigger - connector



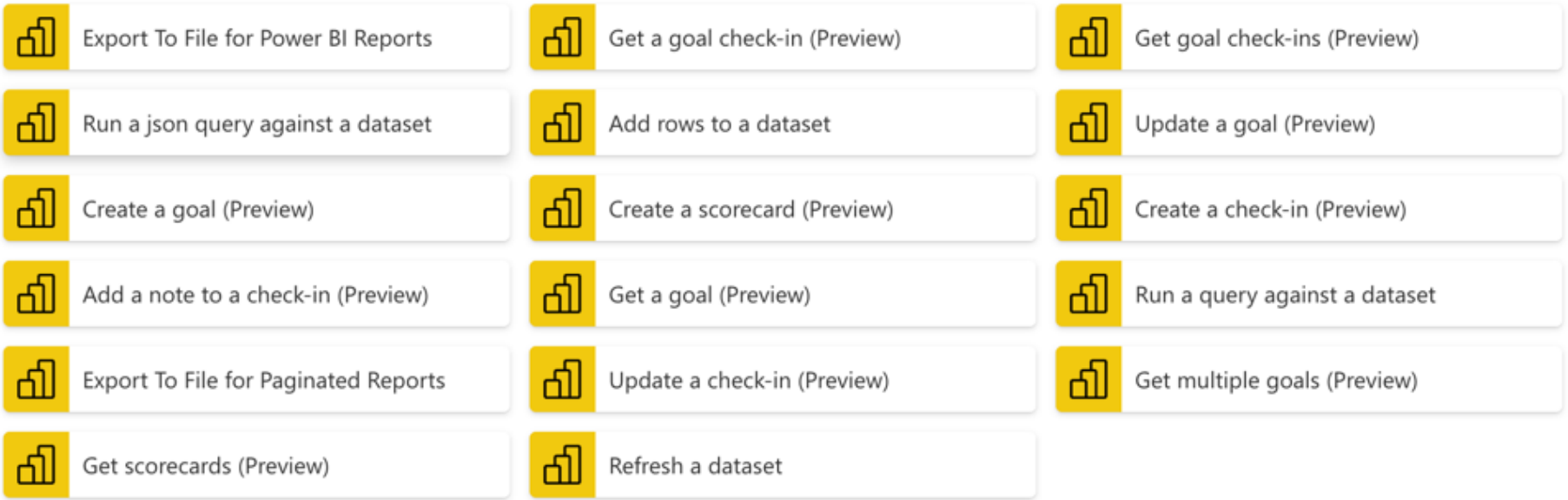
Choose a trigger



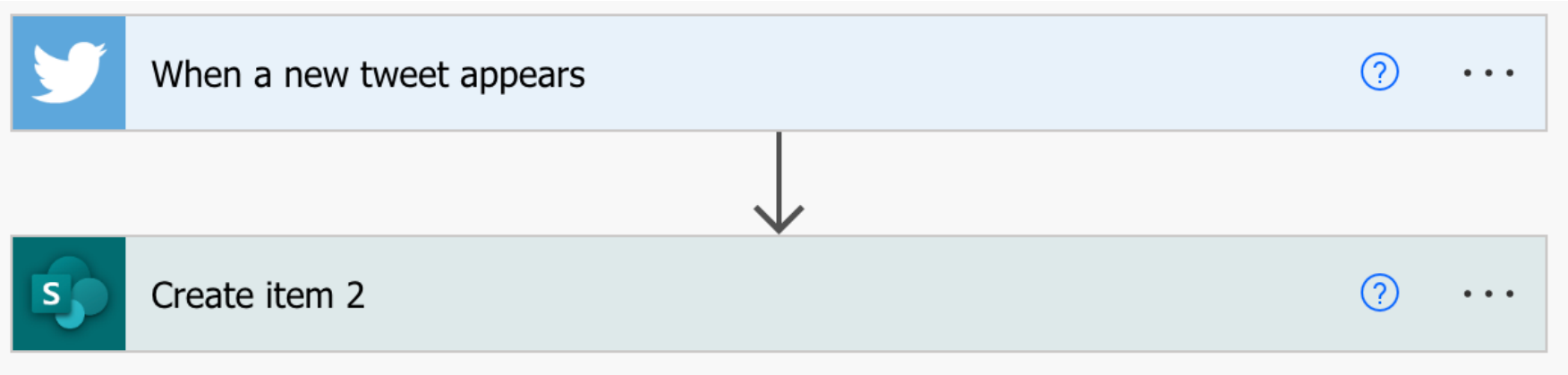
Choose an action - connector



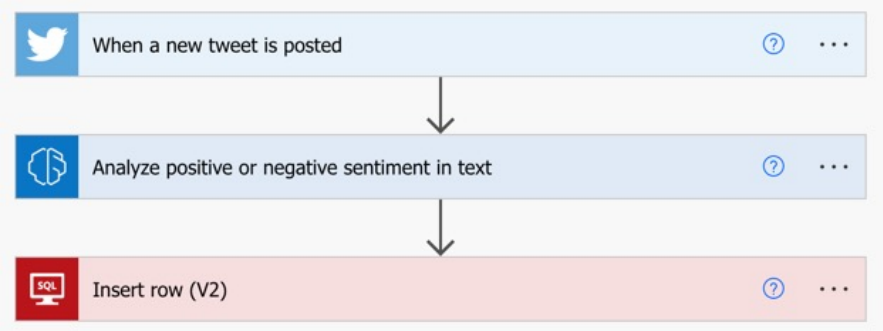
Choose an action

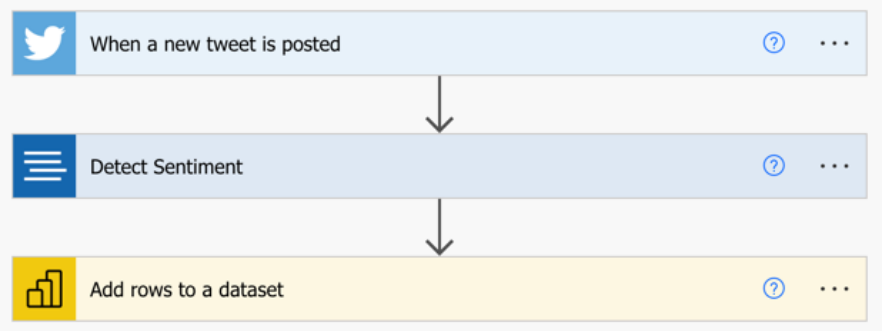


Smallest type of a Flow

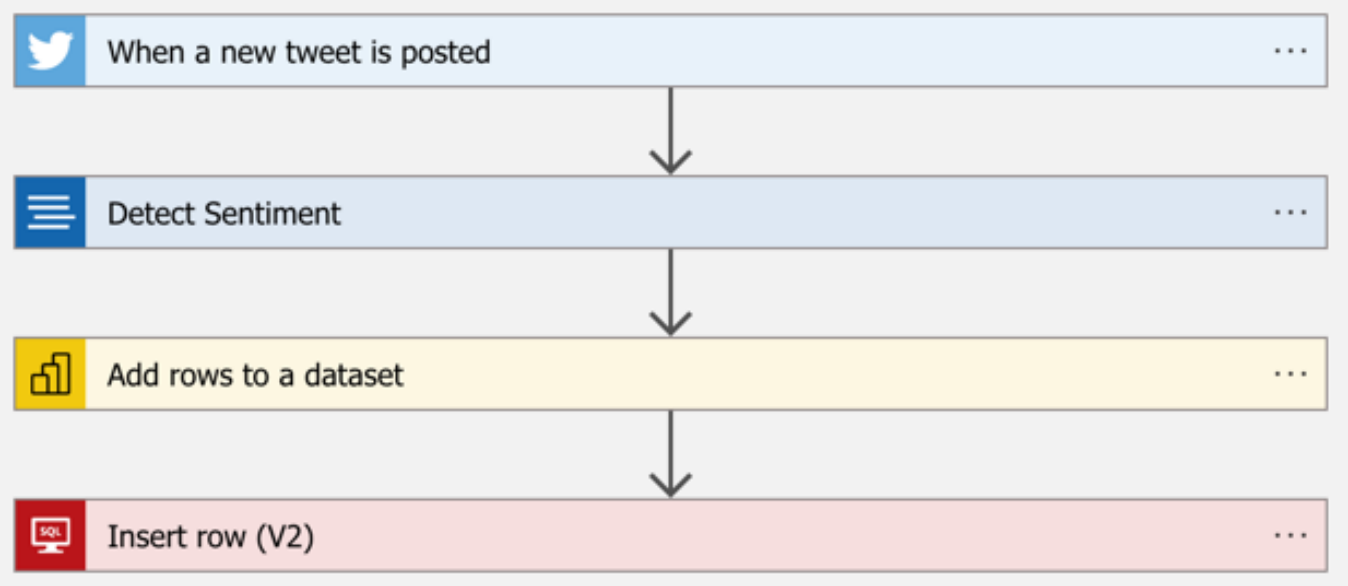


Various types of Flows

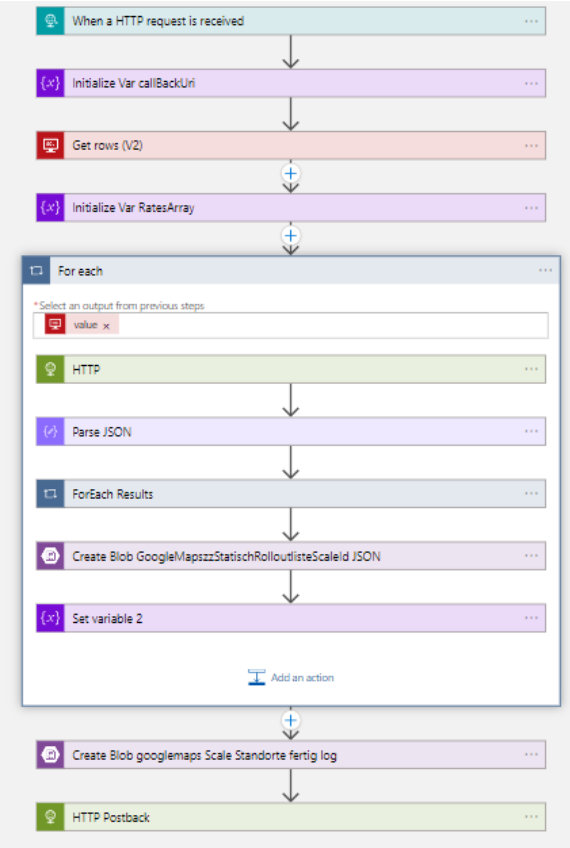




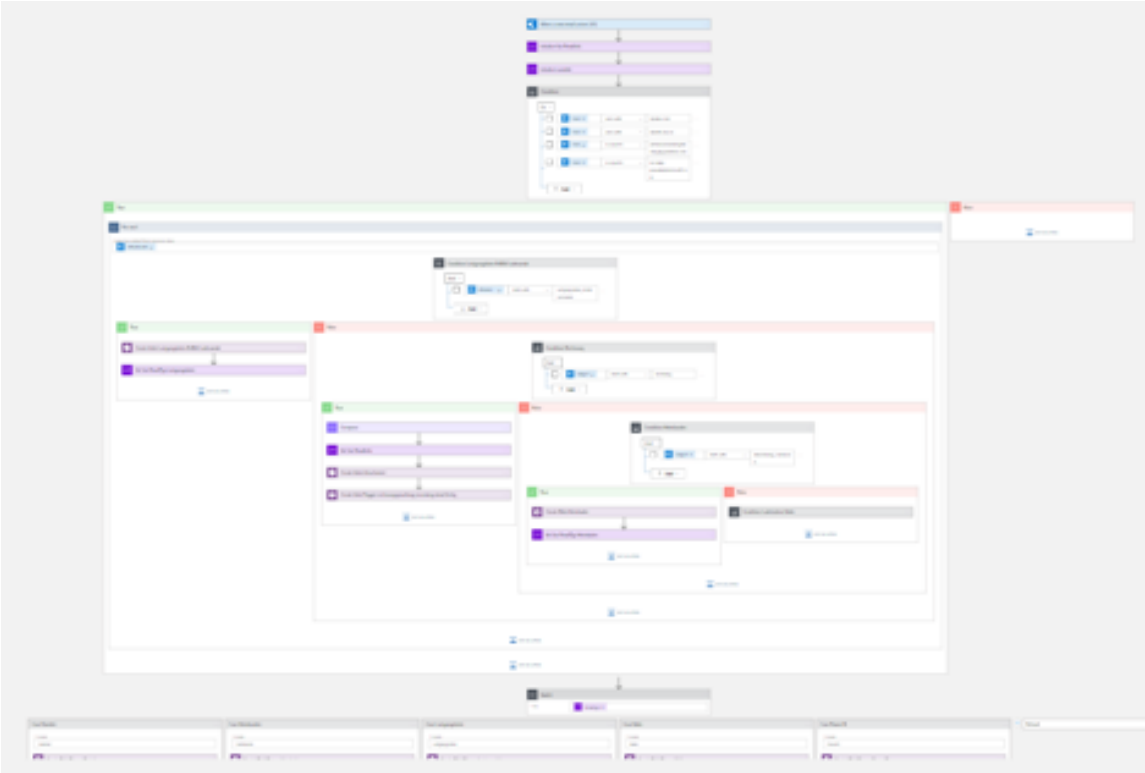
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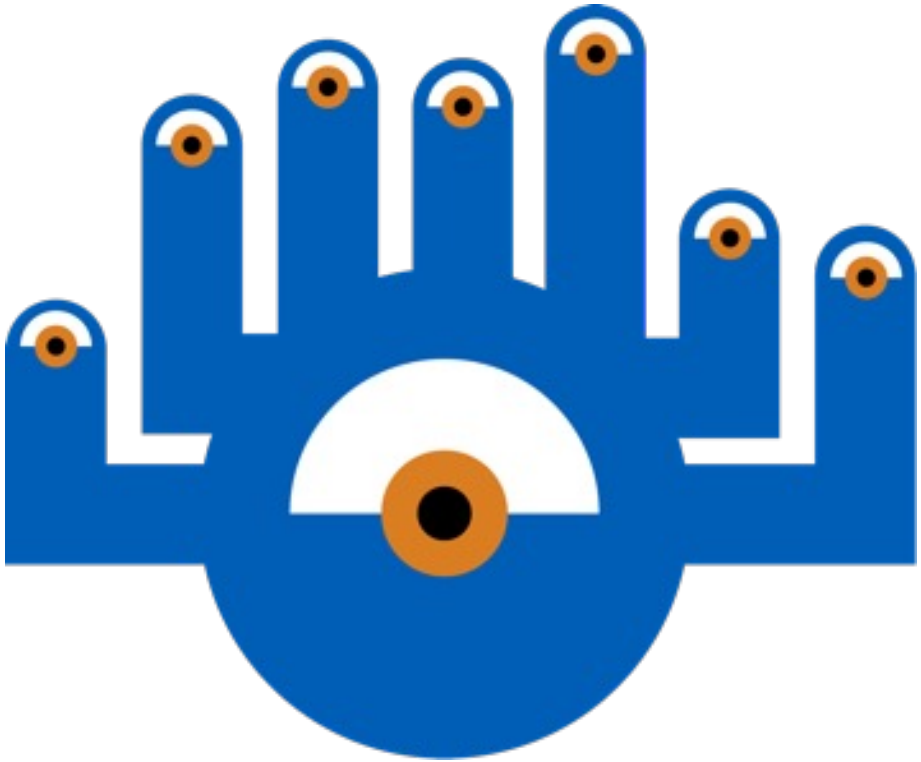
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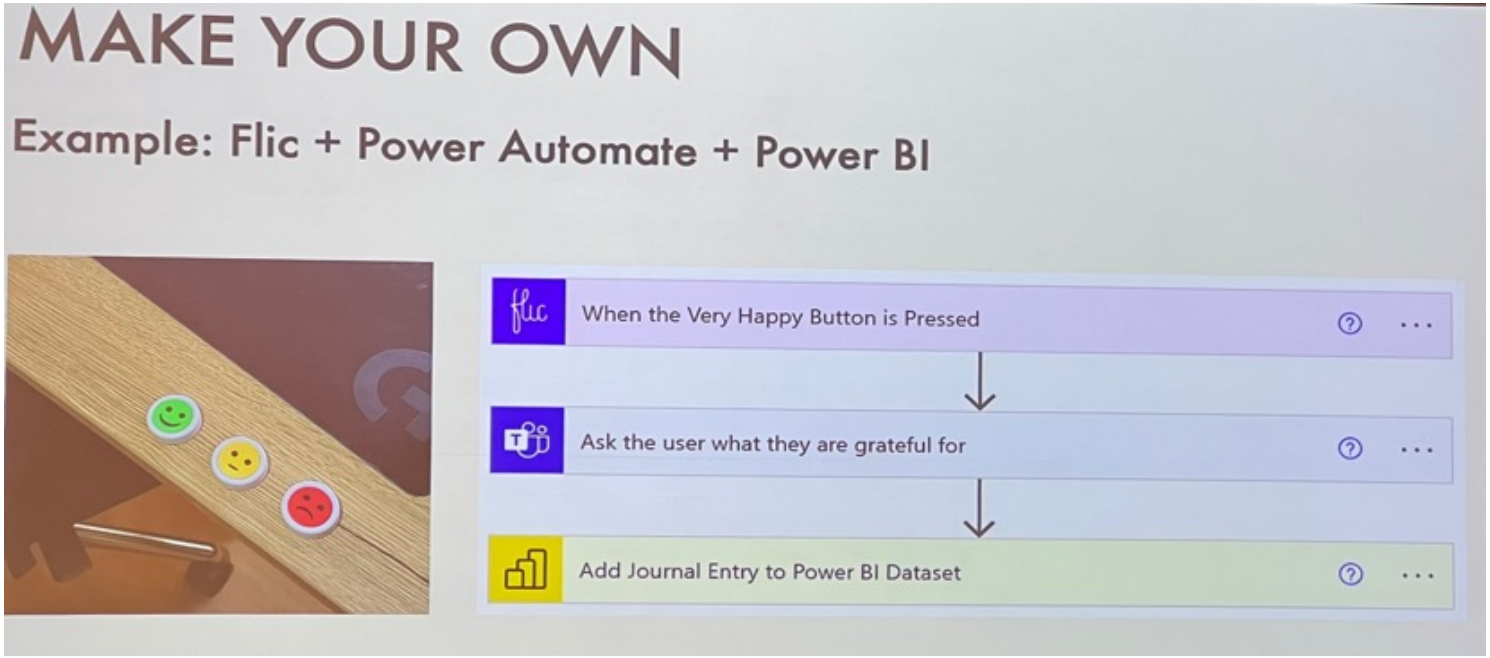
Various types of Flows



Demo ...



SQLBits 2023
Kurt Buhler - You can do this, dammit.



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Vielen Dank für Eure Aufmerksamkeit.

