# GLOBAL POWER PLATFORM BOOTCAMP

Organized Globally, Held Locally

KingswaySoft

# Power Platform - What's new for your business

Marco Rocca – Microsoft SR PFE

Angelo Gulisano – SharePoint Architect

#GlobalPowerPlatformBootcamp

# Thanks to our sponsor!

# Few Words About Us

## Marco Rocca

- SR PFE Modern Workplace @Microsoft Italy
- I ♥ SharePoint (since 2008)
- Focusing on Power Platform
  - Power Apps
  - Power Automate
  - Power Virtual Agents

## Angelo Gulisano

- SharePoint Architect

  @Npo Sistemi
- Software developer on Microsoft technologies since 2007
- Hit by SharePoint since 2011
- Focusing on
  - SharePoint
  - Power Apps
  - Power Automate

# Session Agenda

- What's New in Power Platform
- Log Telemetry
- Introducing Test Studio
- Microsoft Stream integration
- AI Builder Update
- Q & A

# What's new in Power Platform

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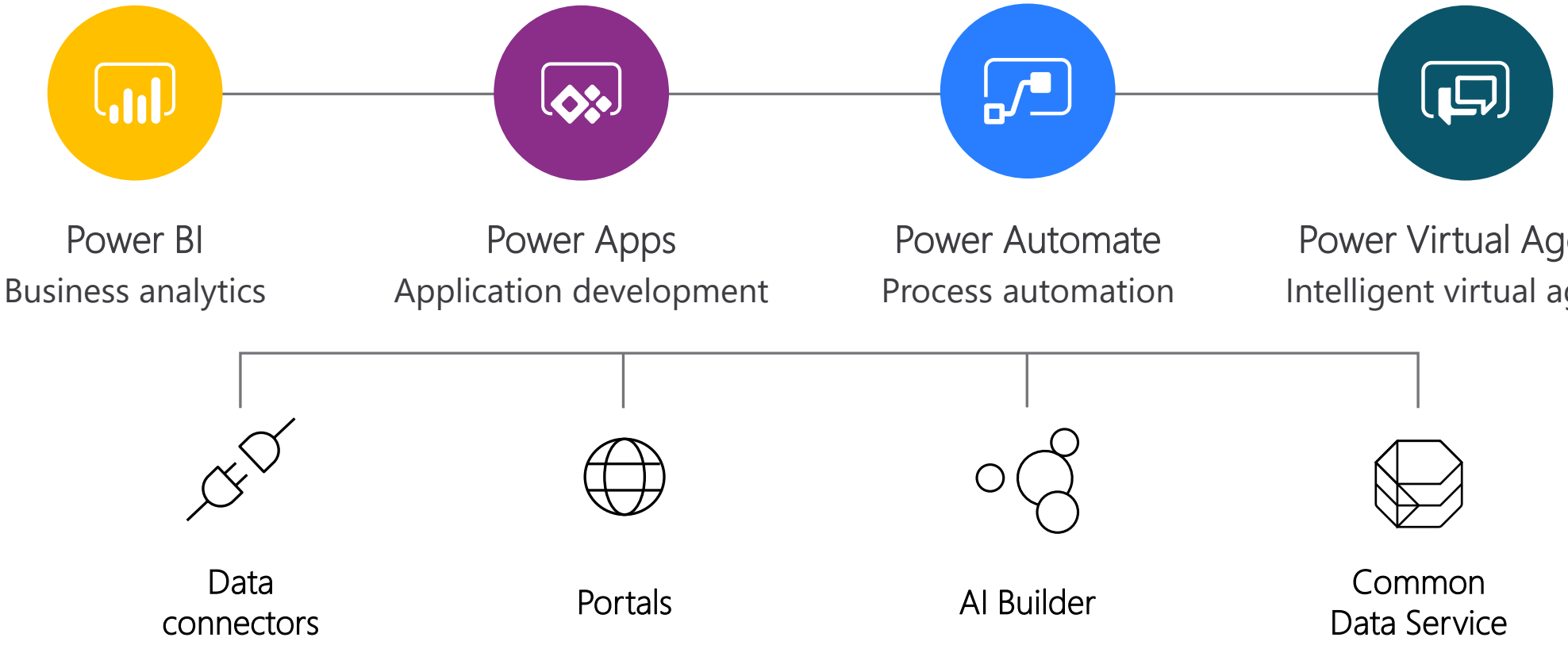
# Microsoft Power Platform



# Wave 1 2020 is coming!

From April 2020 through September 2020

## Power Apps

- Start creating apps directly from Microsoft Teams using your existing SharePoint data
- Excellent mobile, including offline
- High velocity developers of all skill levels
- Power Apps portals improvements

## Power Automate

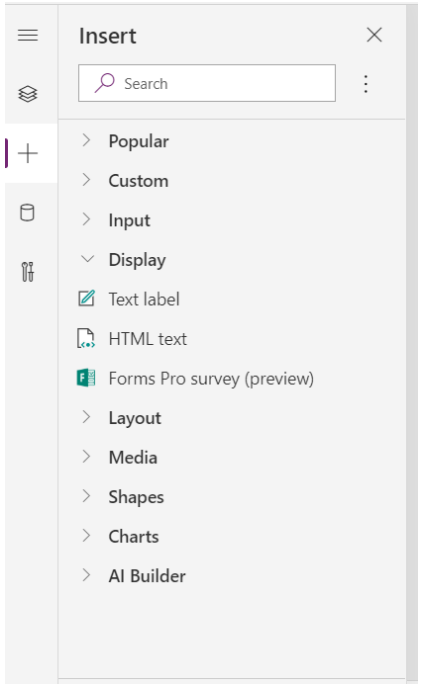
- Power Automate and Microsoft Teams productivity enhancements
- Retry for desktop UI flows
- Run UI automation scripts on virtual machines
- You can securely save your secure string and reuse it to automate applications with UI flows.

## Power Virtual Agents

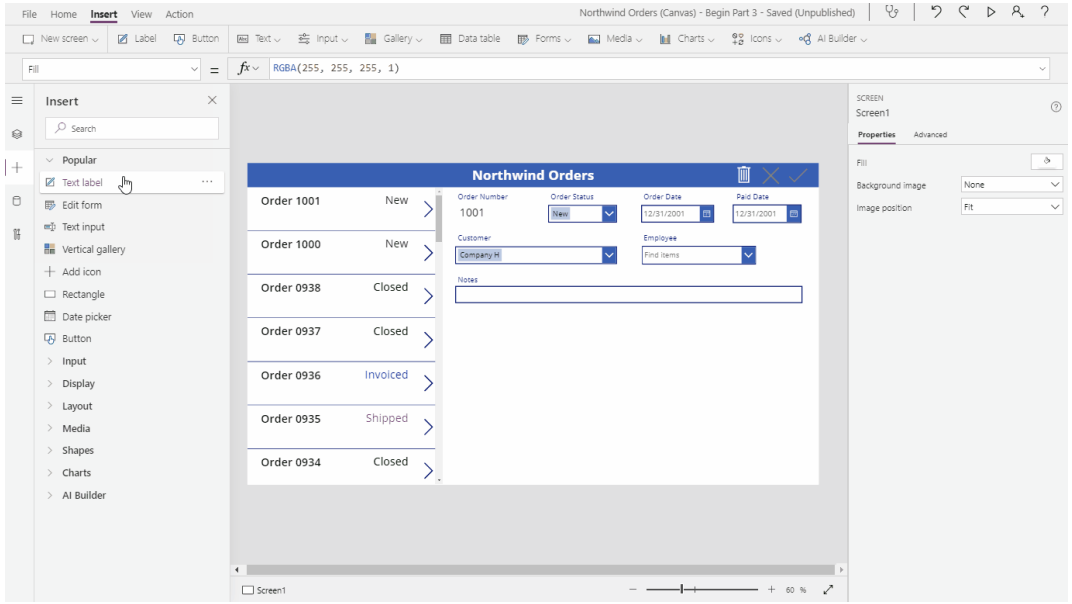
- Add a Power Virtual Agents bot into Power Apps canvas app
- Create and manage Power Virtual Agents directly from Power Apps
- Add images and videos to topics
- Import and export bots or their content
- Connect bots to voice and phone call interactions

# Power Apps Studio Improvements

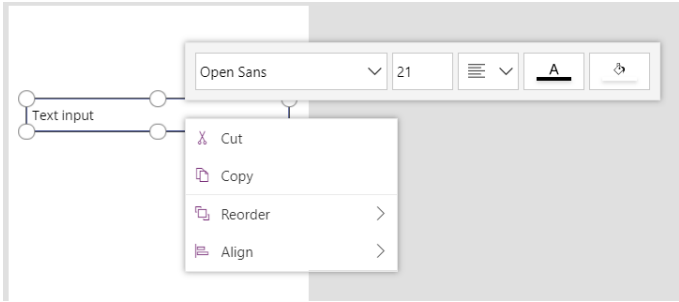
## Easily Search




## Drag & Drop




## Contextual Properties



# Log Telemetry

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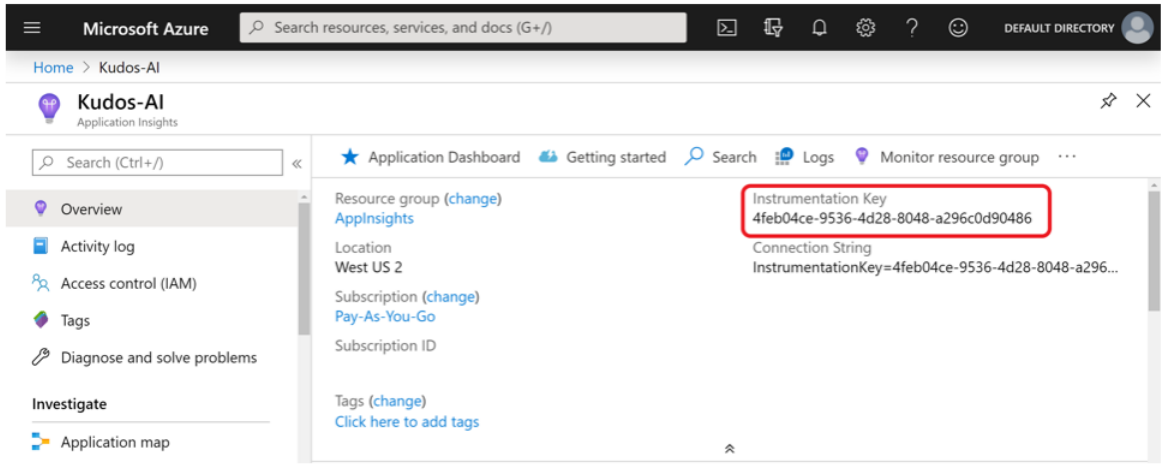
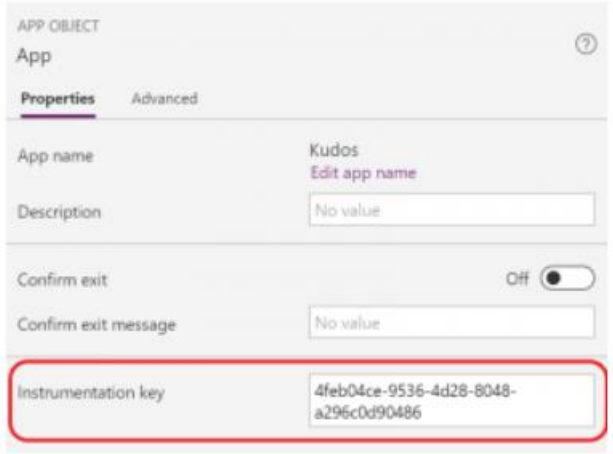
# Log telemetry

Would you like to know how many people are using your App, where they are accessing it from, what screens are most visited, the devices or browsers that are most popular?

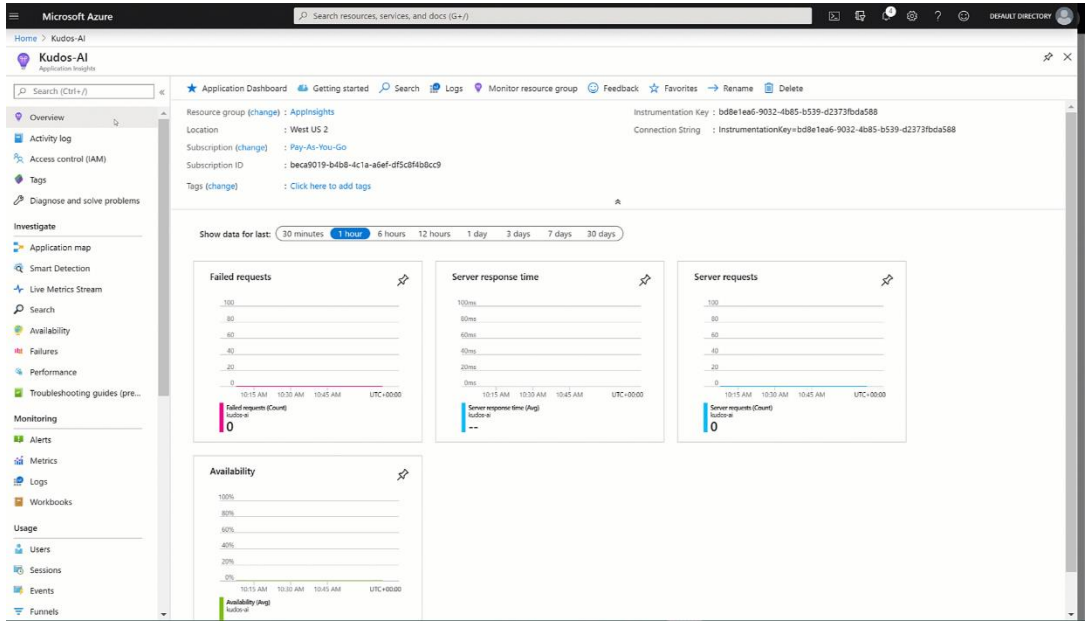
With your app connected to **Azure Applications Insights**, you can now begin to gather this information to help you drive better business decisions and improve the quality of your apps.

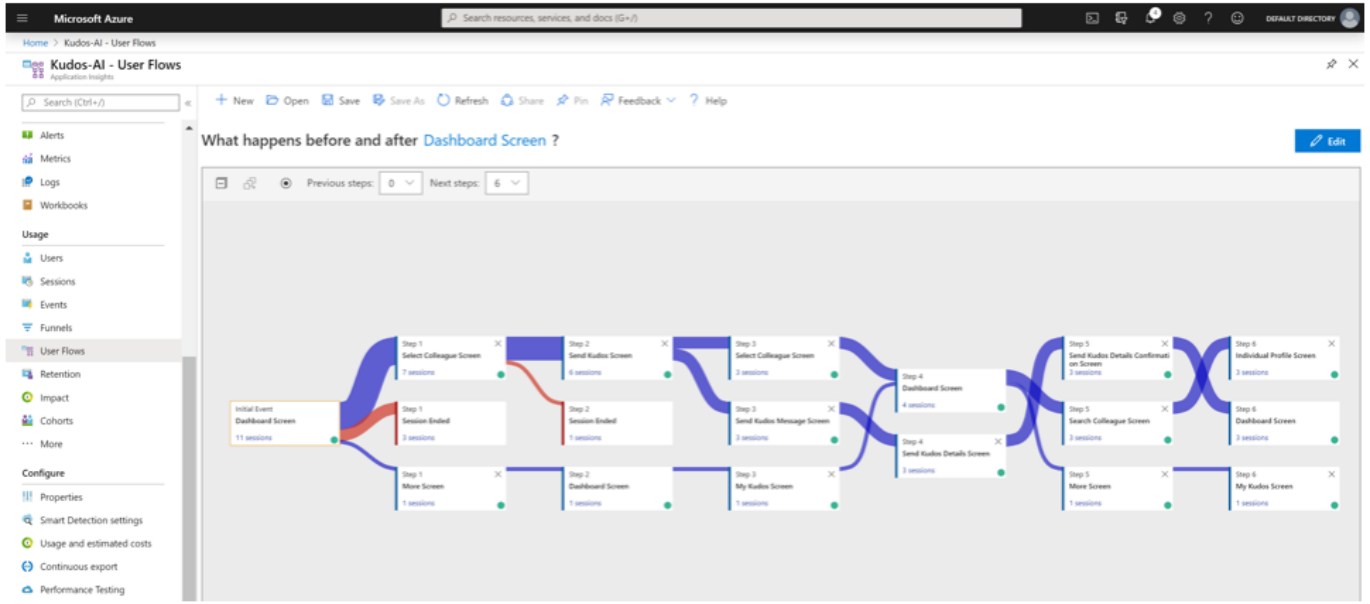


# Log telemetry

## Viewing events, users, etc in App Insights

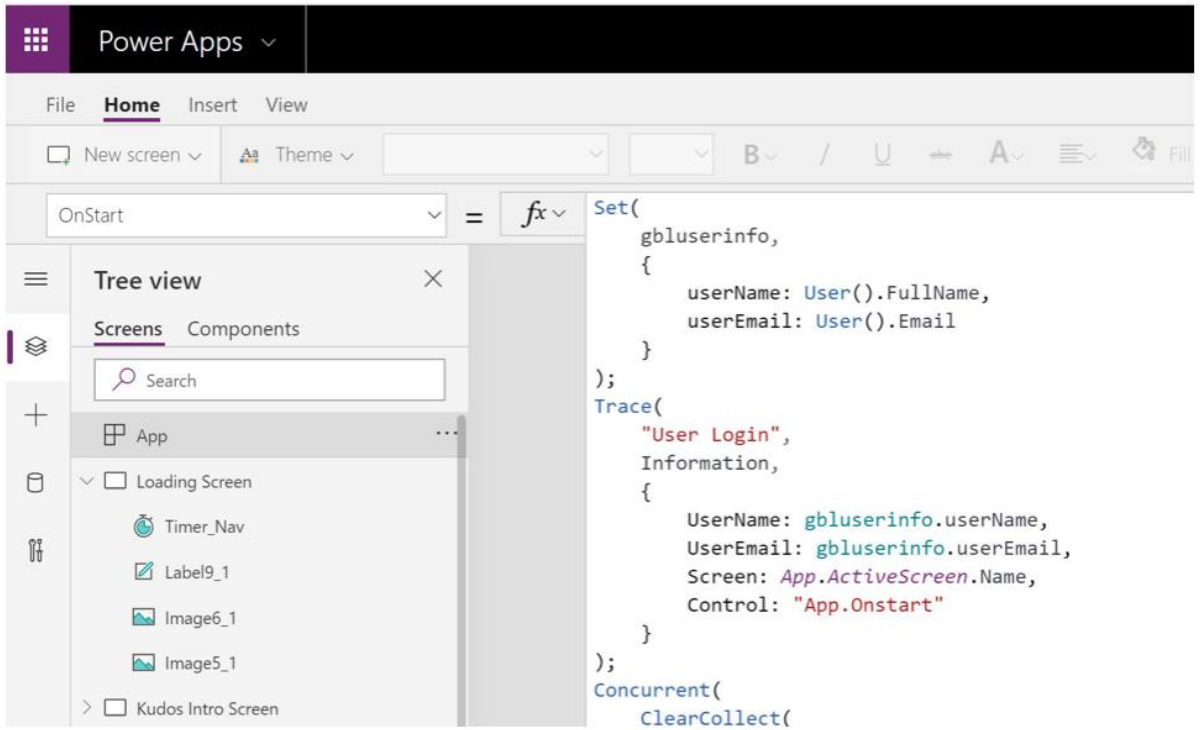


# Log telemetry

## Custom Logging

Using the new **Trace** function, you can also write custom traces directly to App Insights and start to analyze information specific to your scenario.

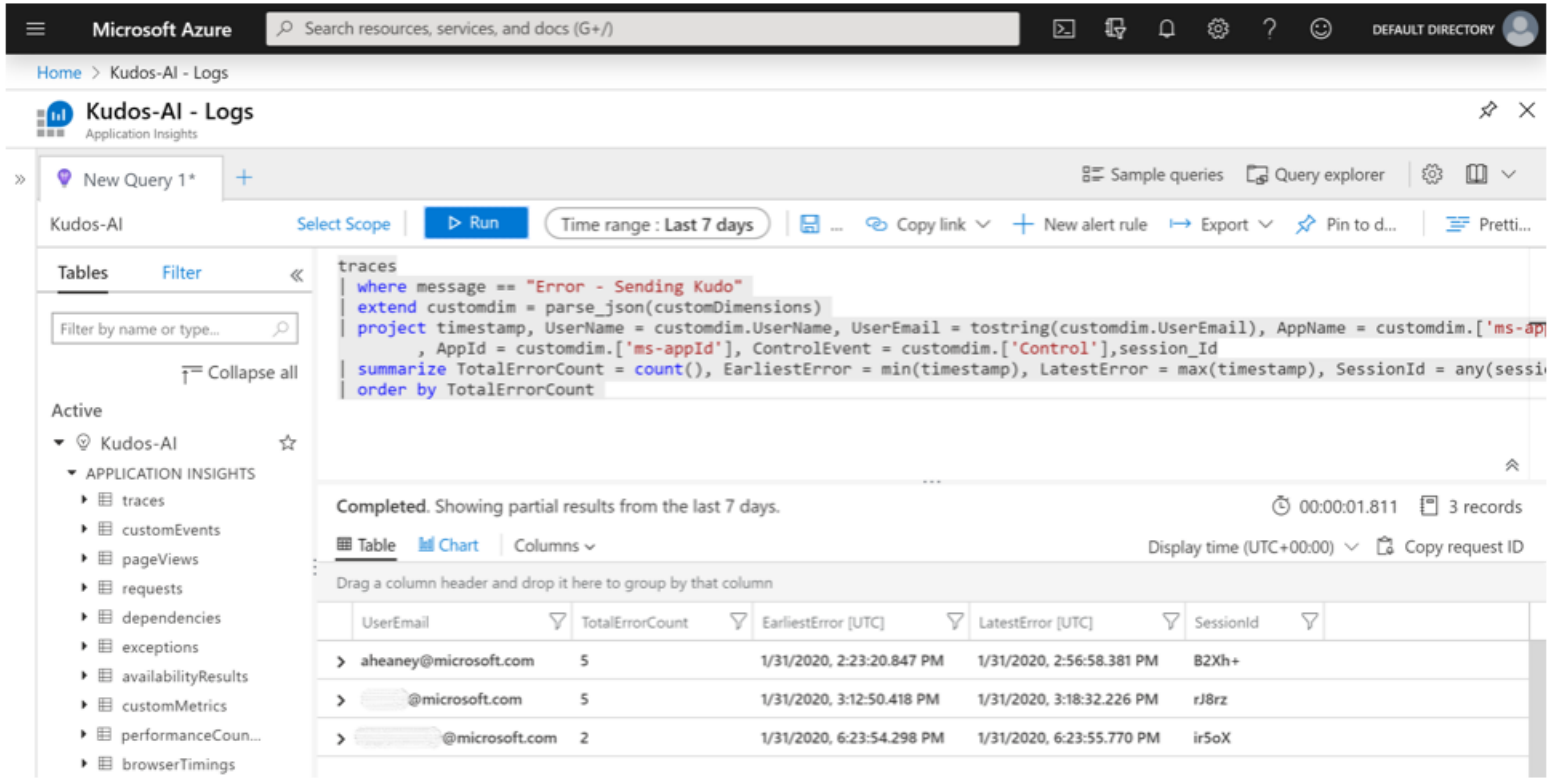



```
//collect any errors from the patch
ClearCollect(
    KudosSentPatchErrors,
    Errors(Kudos)
);
// Log any errros to App Insights
If (
    !IsEmpty(KudosSentPatchErrors),
    Trace(
        "Error - Sending Kudo",
        TraceSeverity.Error,
        {
            UserName: gbluserinfo.userName,
            UserEmail: gbluserinfo.userEmail,
            Screen: App.ActiveScreen.Name,
            Control: "GiveKudo",
            Error: KudosSentPatchErrors.Error,
            Message: KudosSentPatchErrors.Message,
            Column: KudosSentPatchErrors.Column
        }
    )
);
```

# Log telemetry

## Querying Application Insights Logs

If you want to go deeper and leverage the full power of the data you are collecting, you will likely need to write log queries to analyze the App Insights data tables.



# Demo1: Log Telemetry

# Introducing Test Studio

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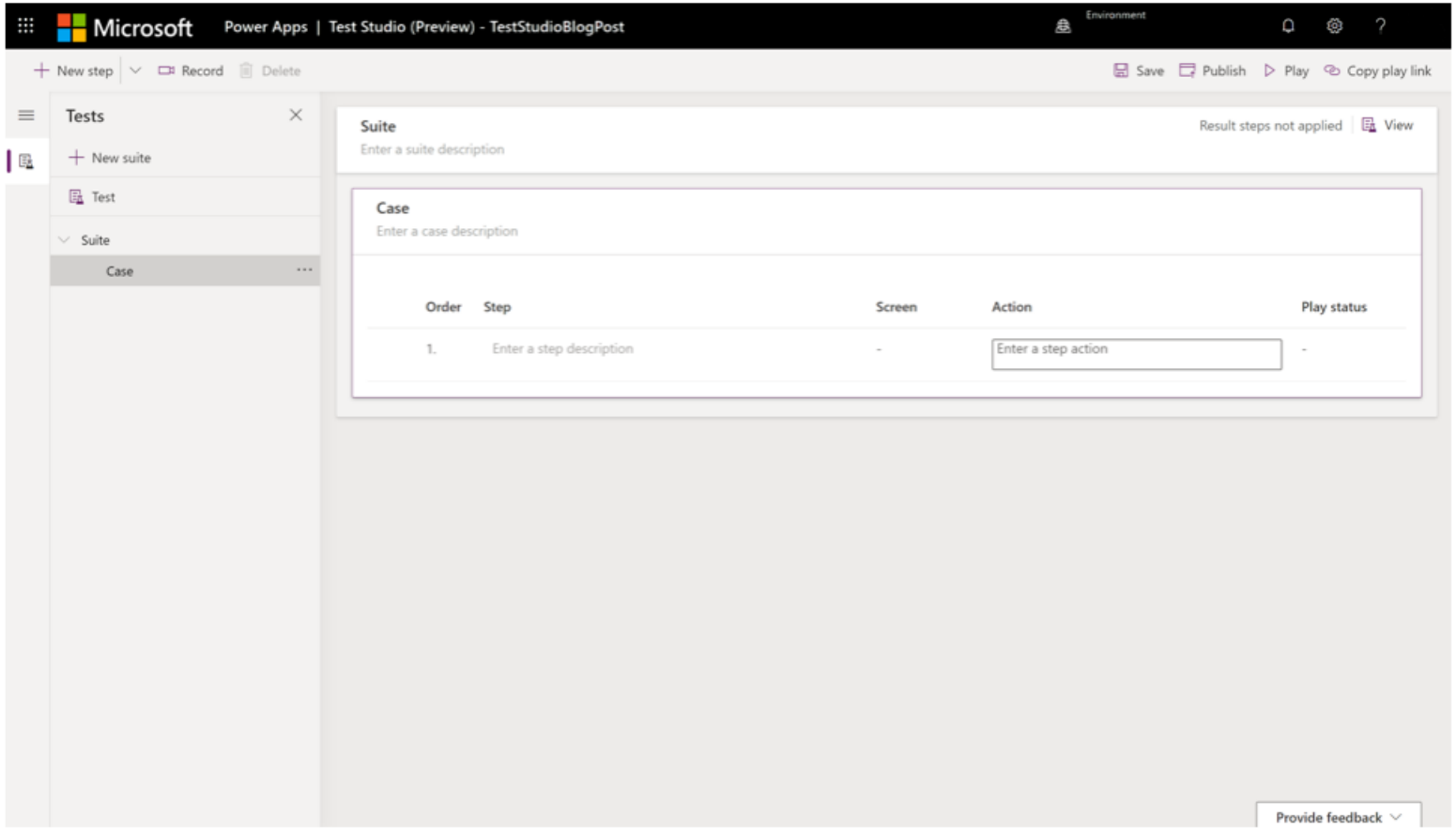
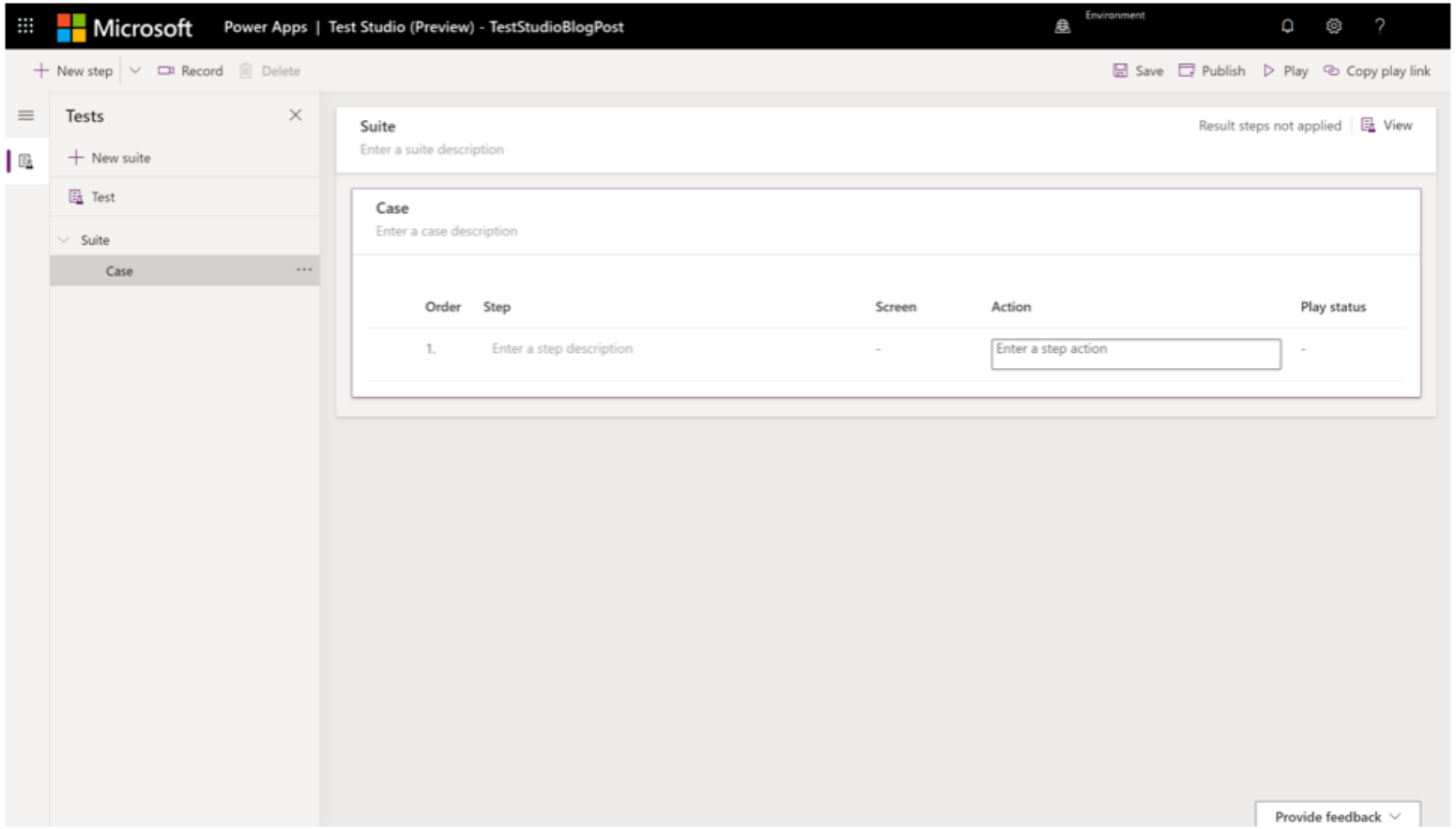
# Test Studio

Test Studio provides a way to add and manage test cases, organize them into test suites, and run them to validate that changes in the apps did not break the expected functionality described in the tests



# Test Studio

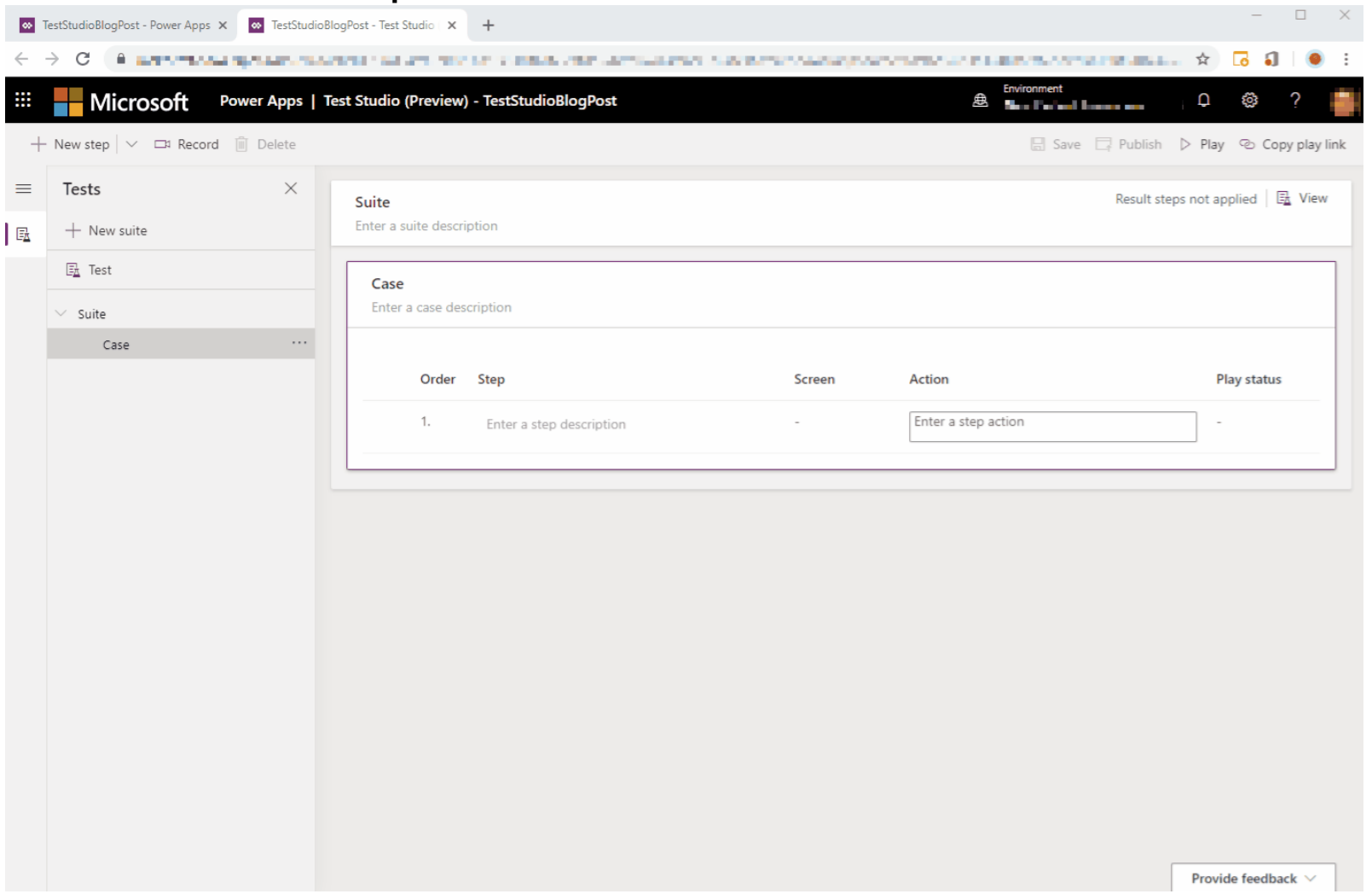
What is a **test case**? It's simply a list of steps, which are expressions that can simulate interaction with the app and validate that the app is in an expected state after those interactions.



# Test Studio

How it works? You need only to follow these steps:

1) Creating a new test case
2) Editing your test case
3) Running the test case



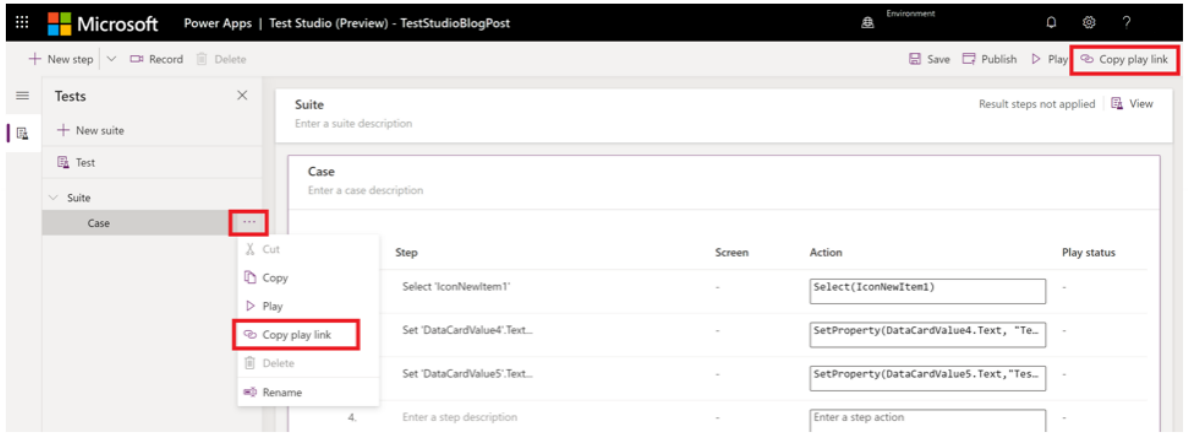
# Test Studio - Improvement

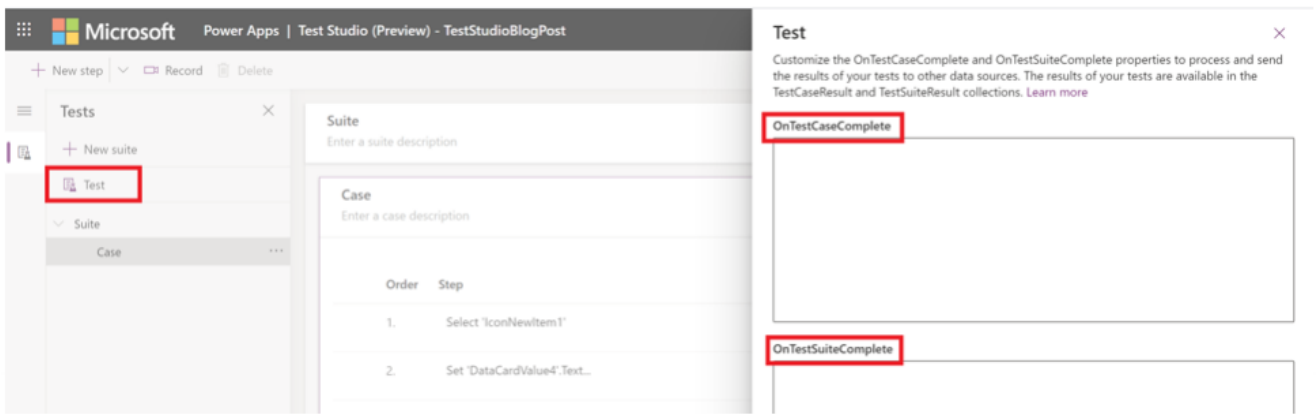
## Running the tests outside the Test Studio

If you select the ellipsis for a test case or test suite in the tree view or select the 'Copy play link' in the top-right corner of the screen, you can copy a URL that can be pasted in a browser window.

## Storing test results

When the test is run outside the Test Studio, you don't get to see the green/red marks indicating whether the test passed or failed.



# Demo2: Test Studio

# Microsoft Stream Integration

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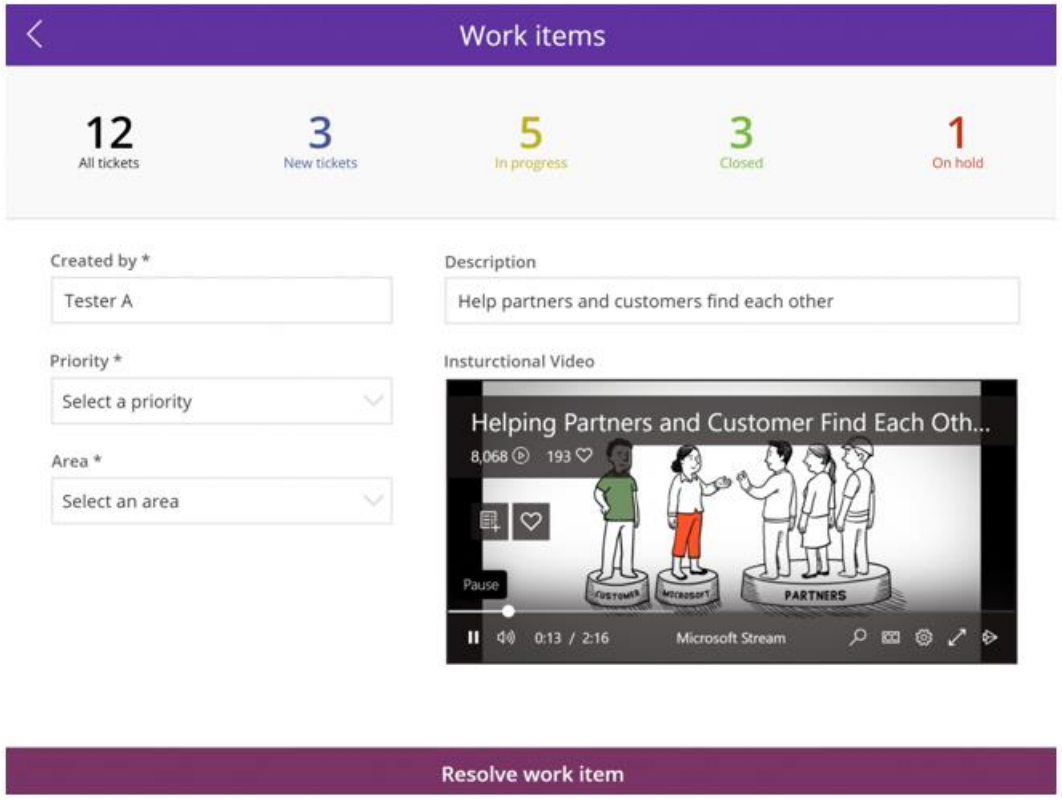
# Microsoft Stream

The control will allow app users to play videos and browse through channels from the Microsoft Stream service.

NEW Enable basic programmatic capabilities (upload, edit, fetch, display) for Microsoft Stream via APIs will be available in Q4 2020



# Demo3: Microsoft Stream

# AI Builder Update

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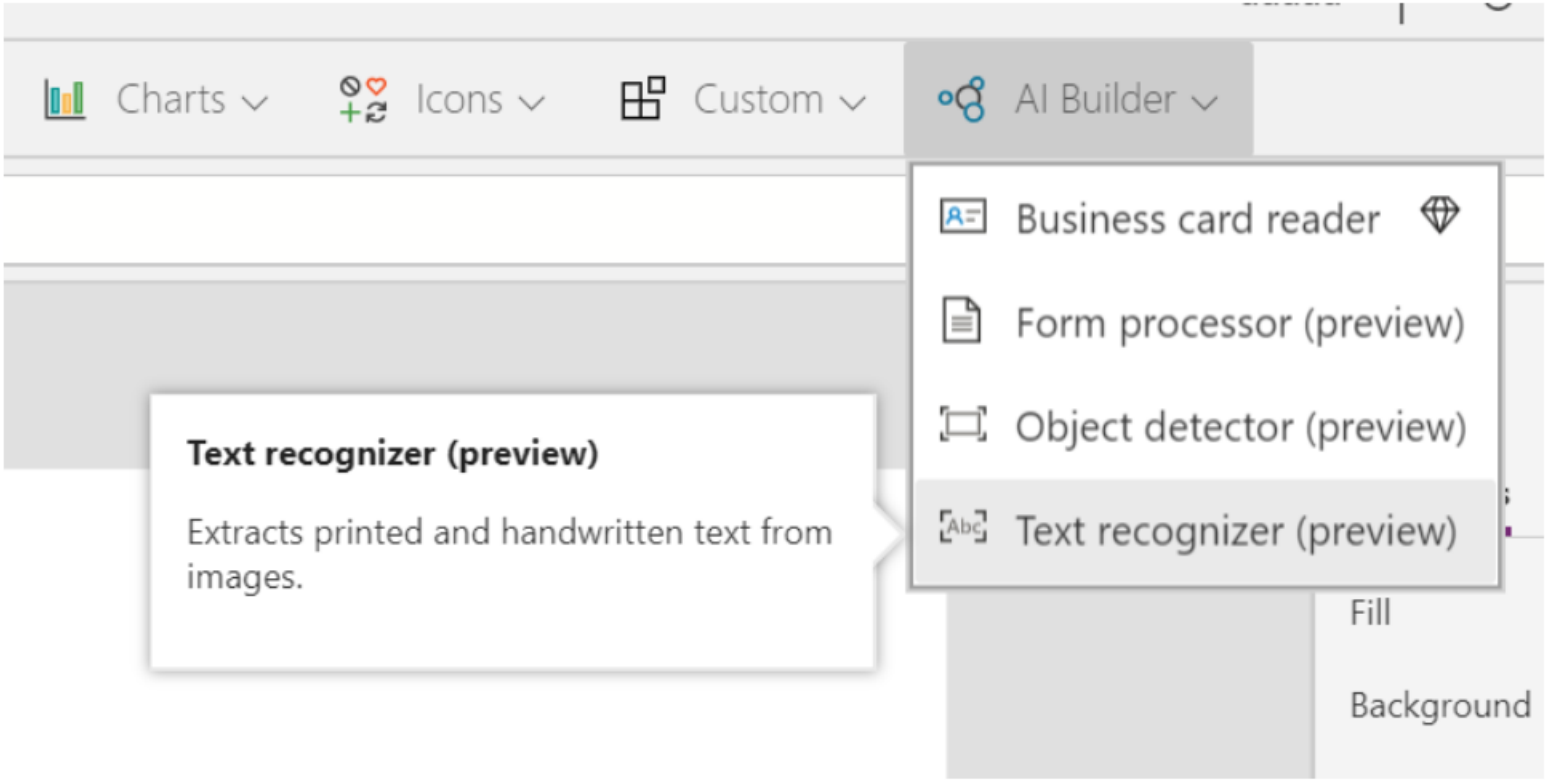
# Text Recognizer in Power Apps

Text Recognizer is a new AI Builder feature available in preview.

Text Recognizer enables you to detect and extract printed or handwritten text that appears in images.

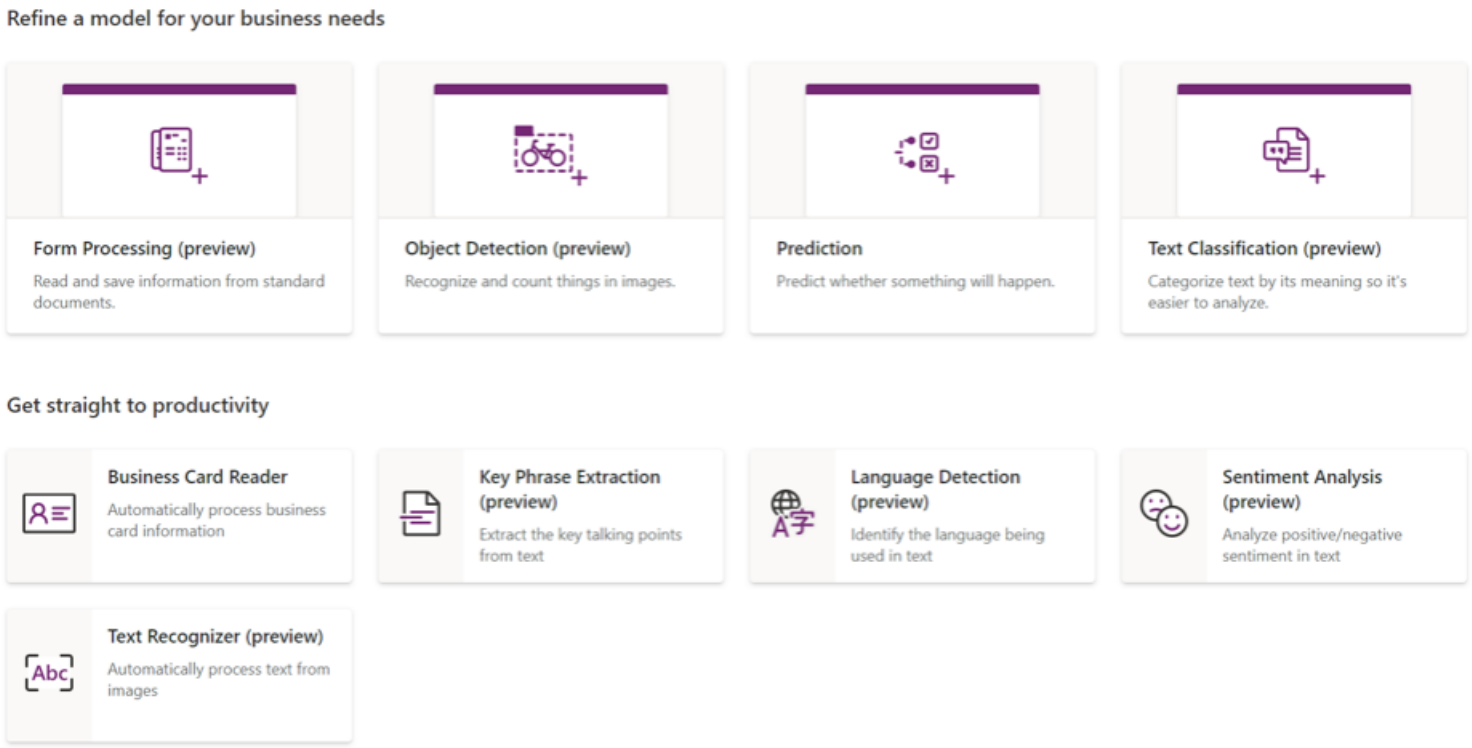
It is now available in Power Apps as a new AI Builder control



# Build Page

Models that are ready to use and don't require any training are now presented on the AI Builder homepage.

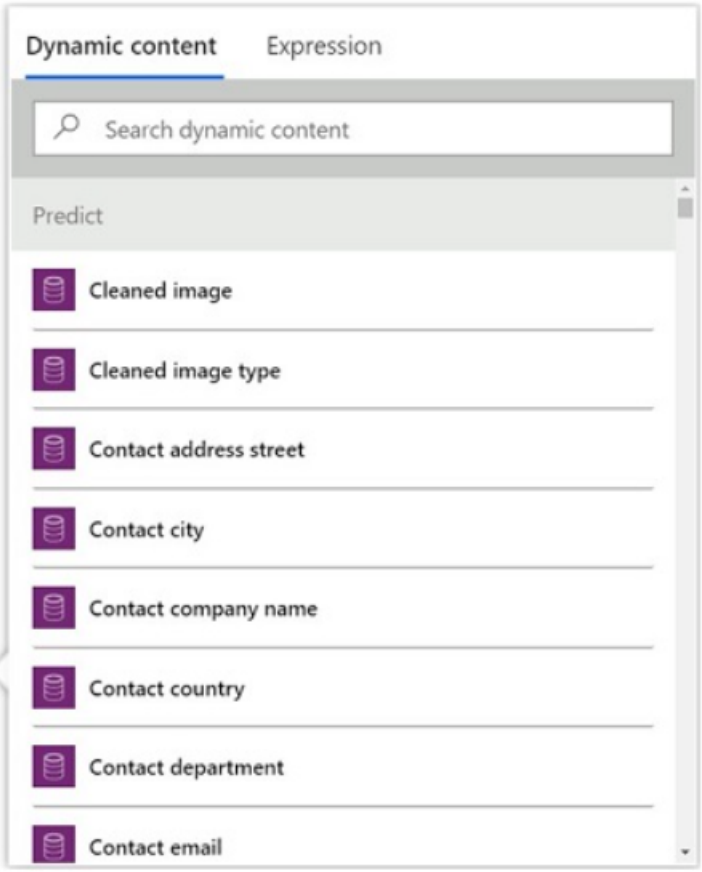
These capabilities can be used in Power Automate or Power Apps.



# New AI Builder experience in Power Automate

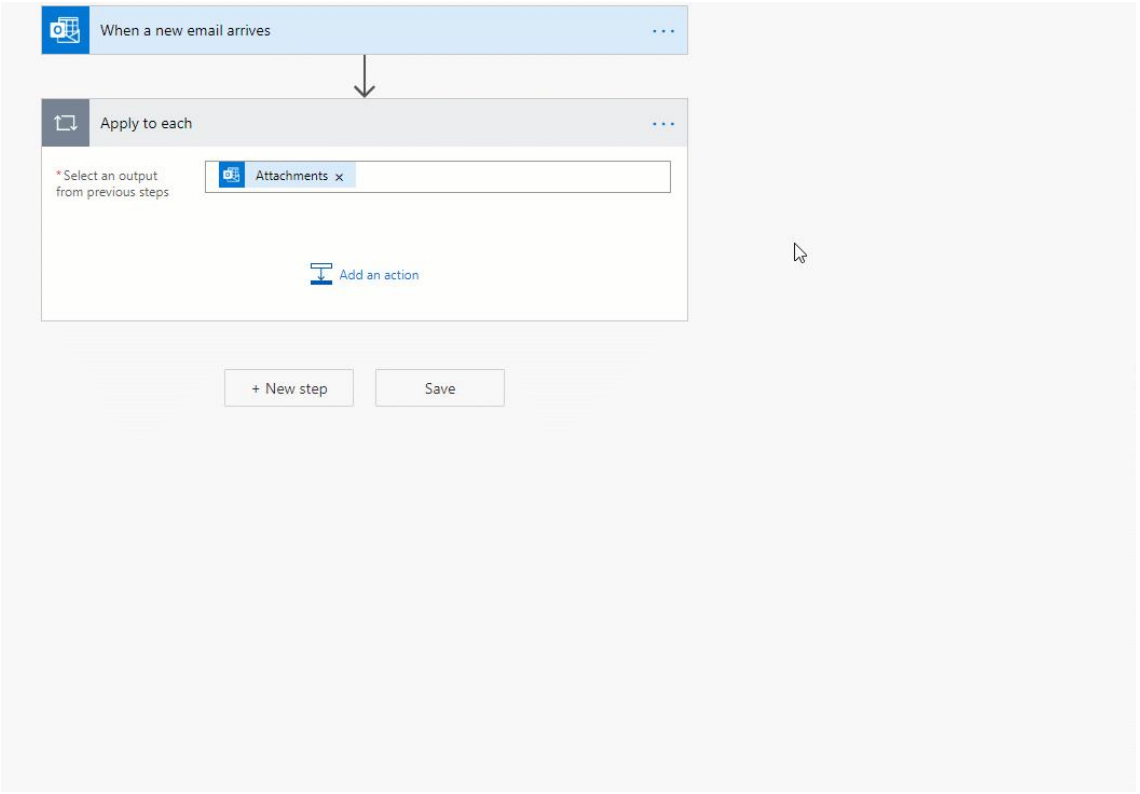
It is now easier to provide your data to the AI Model, and to use the output without the need to manually transform data.

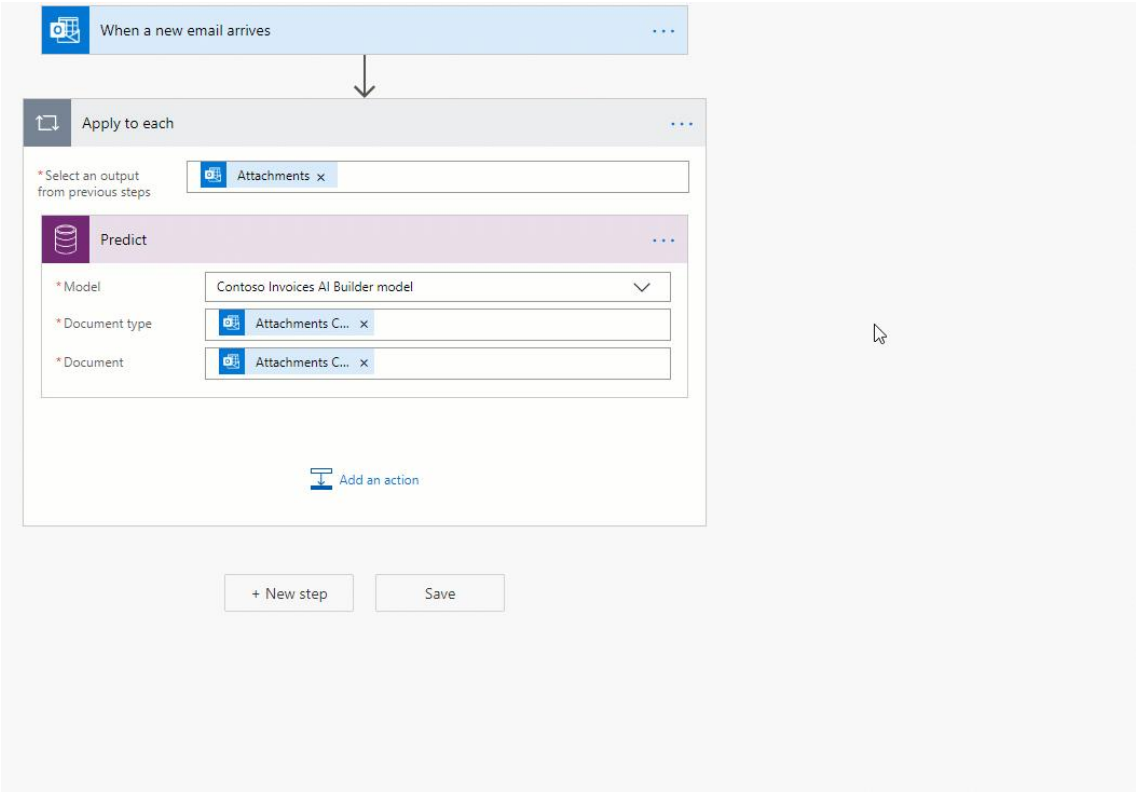
The format of the AI Model output also changes based on the type of model and is now available in Power Automate “dynamic content” for you to use like any other data in your flow.



# New AI Builder experience in Power Automate

## Form processing example



# Demo04: AI Builder

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# Any Questions?

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