



Power Platform COMMUNITY CONFERENCE

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MGM GRAND • Las Vegas, NV

Power Automate & Power Apps Copilot: The Good, the Bad, and the Ugly!

Power Platform Community Conference 2024



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About Vlad Catrinescu



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Goals of Copilot for Power Platform

Make it easier for makers to create apps, flows, websites and reports

Make it easier for makers to add AI functionality to their apps, flows, websites and reports

Shouldn't It Already Be Easy?



The Microsoft Power Platform is aimed at anyone from

- Business users with no experience in IT
- Developers who create complex applications

It can be challenging for beginners with no training at all to get started

- Copilot is there to help!

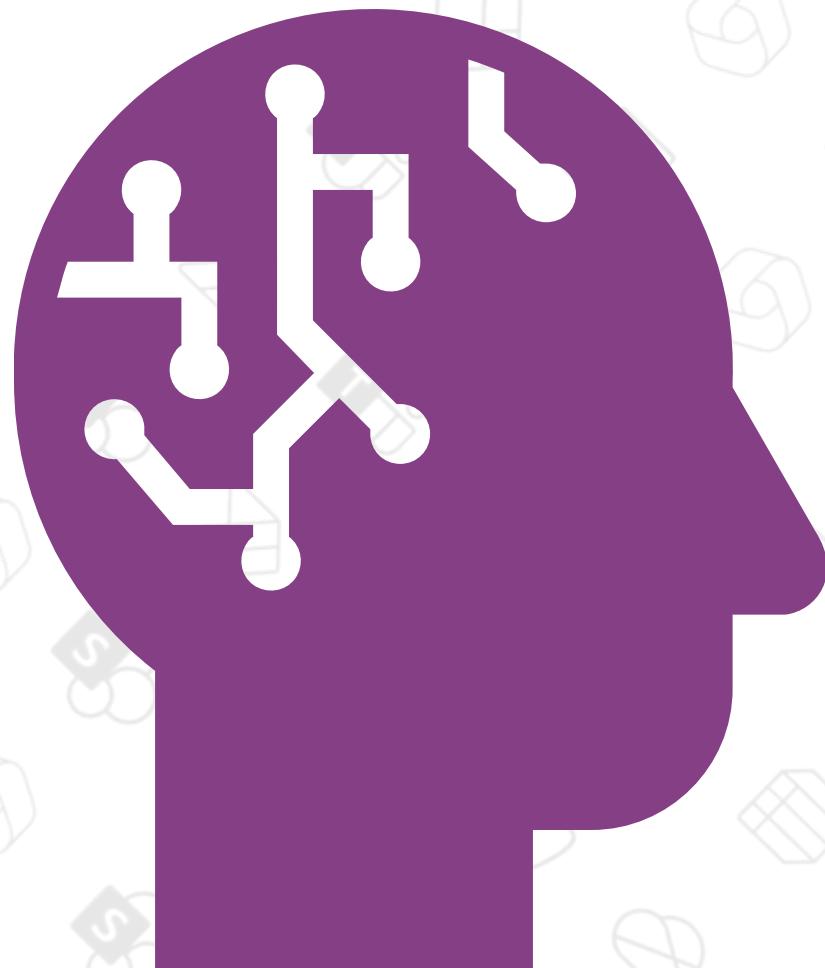
Infusing AI in Your Applications

You can add Copilot components to your applications

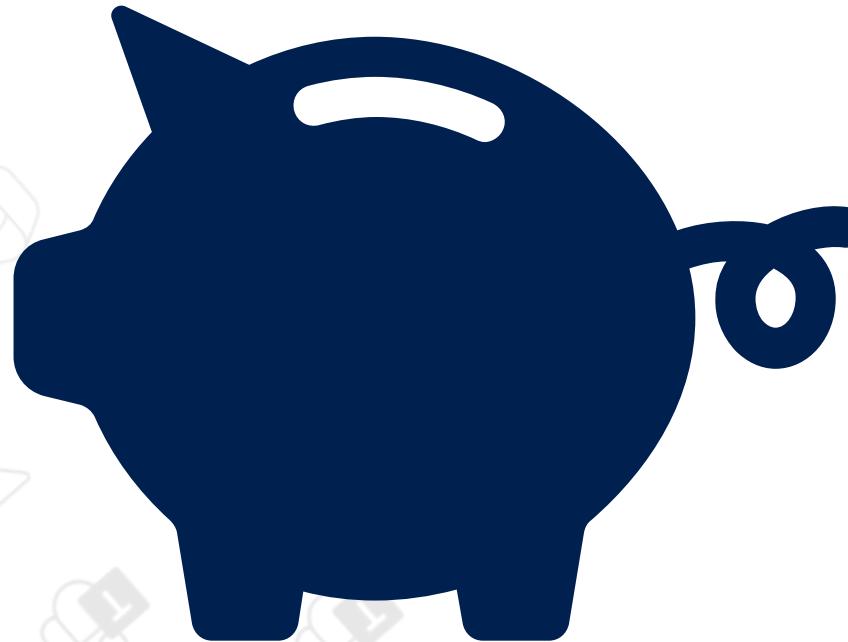
- An AI assistant that the users of your app can use

Traditionally this has been very difficult (\$)

- With Copilot you can do it with just a drag and drop



Copilot in Power Platform Licensing



Copilot licensing depends on the product

Free in

- Power Apps
- Power Automate*

Power BI requires a premium license

- F64 and higher
- P1 and higher



Licensing overview for Microsoft Power Platform

<https://learn.microsoft.com/en-us/power-platform/admin/pricing-billing-skus>

Always check the latest
Microsoft licensing with
your licensing
specialist!

Using Copilot in Cloud Flows

Create cloud flows

Modify cloud flows

Describe cloud flows

Copilot is on the front page of the Power Automate maker portal

- Just tell it what you want to build!

The screenshot shows the Microsoft Power Automate maker portal interface. At the top, there's a navigation bar with the Globomantics logo, the "Power Automate" tab, a search bar, and a user profile for "Environments Globomantics". On the left, there's a sidebar with various icons for different actions like creating new flows or connecting to services. The main area has a light blue background with the text "Let's automate something. What should it do?". Below this, there are four examples of automation ideas, each in a blue-bordered box:

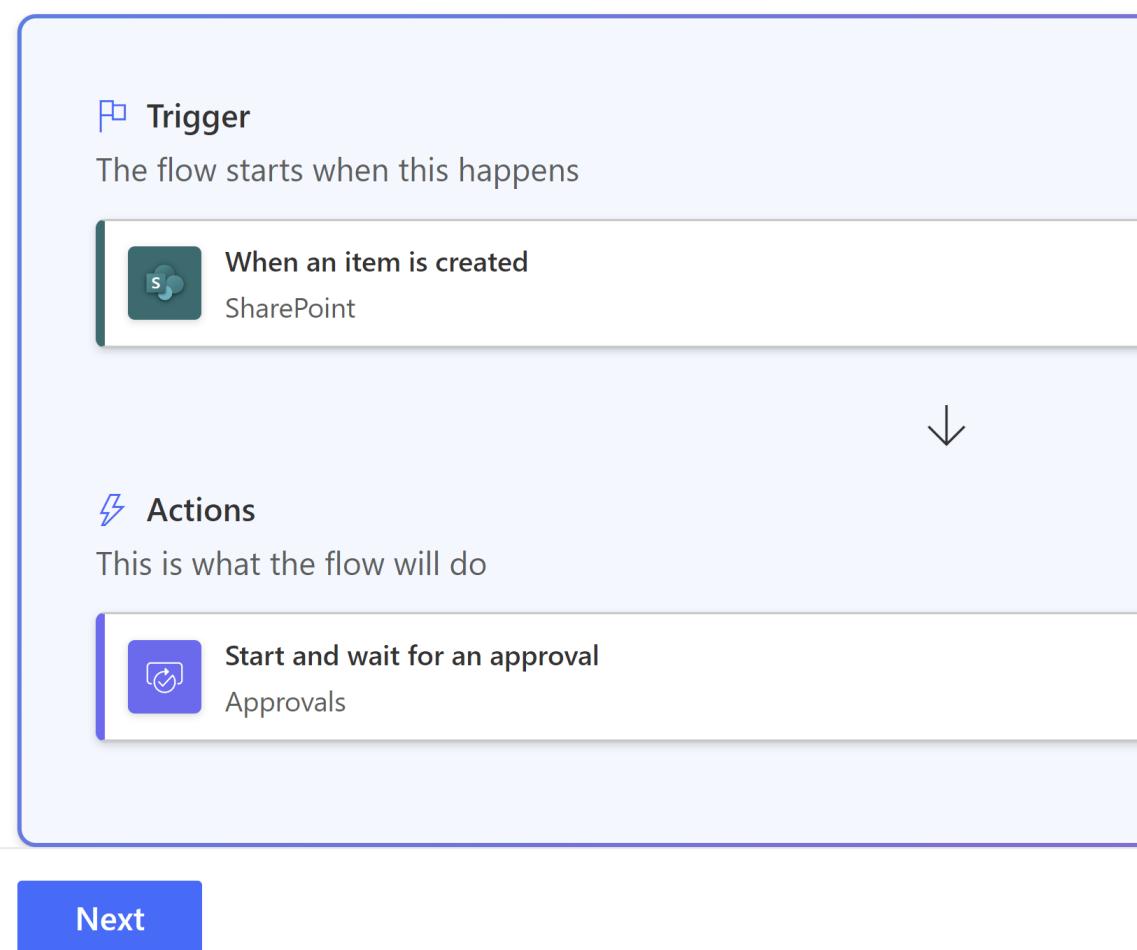
- Every month, copy all files from OneDrive folder to another OneDrive folder
- Copy all rows from an Excel file to another excel file with a click of a button
- When a new item is created in SharePoint, send me an email
- Start an approval when a new item is created in SharePoint

At the bottom right of the main area, there's a blue "Generate" button.

Copilot Suggested Flow

Suggested flow

After you review this AI generated flow suggestion, select **Next** to configure it

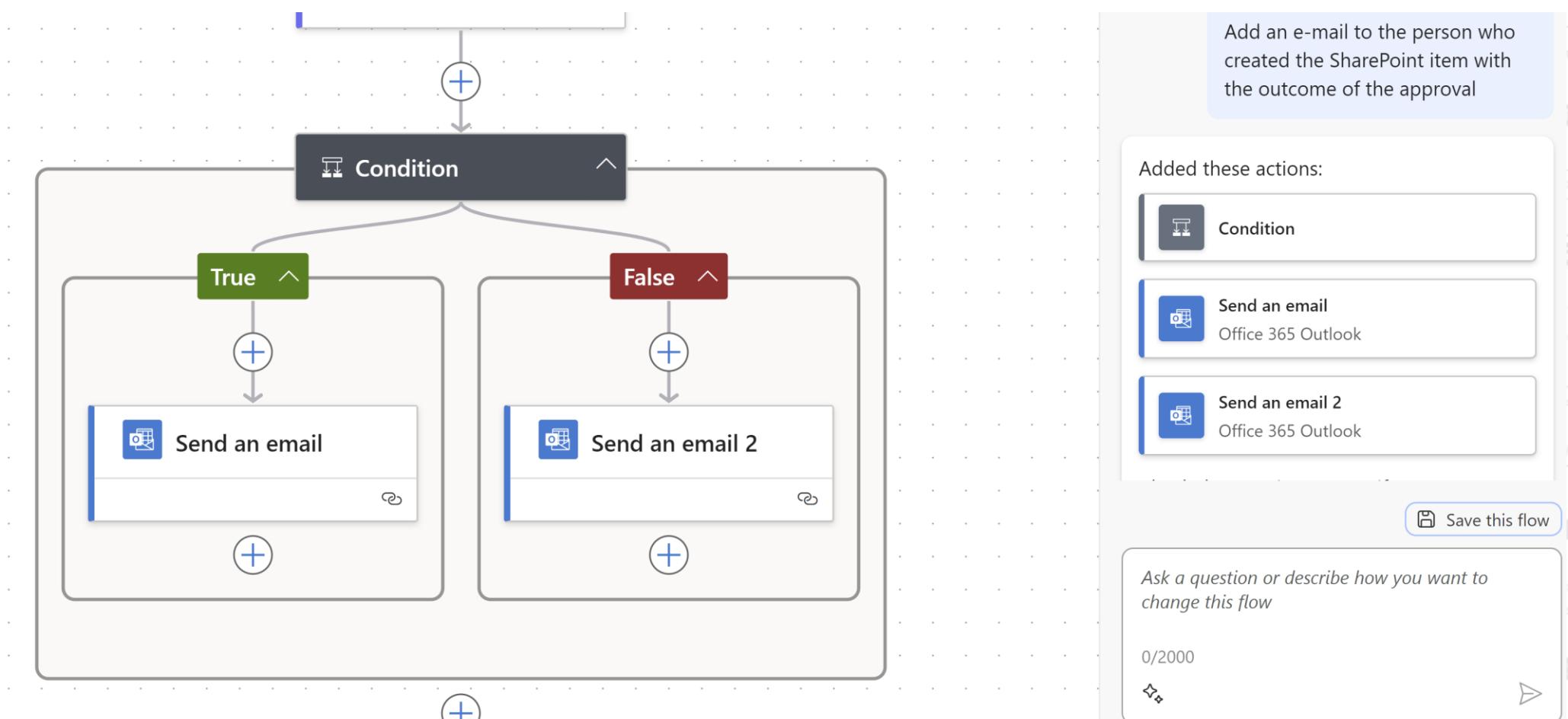


Copilot will suggest a flow for you

You can review the suggested flow and

- Accept it
- Ask for a different suggestion

Keep asking Copilot to make changes!



Describe your Flow

describe what this flow does step by step. use a bullet point for each action.

- The flow is triggered when a new item is created in a SharePoint list.
- The flow retrieves the details of the new item from the SharePoint list.
- The flow starts an approval process, sending a request to the assigned person to approve or reject the purchase.
- If the outcome of the approval is "Approve", the flow sends an email to the creator of the item informing

 Save this flow

Ask Copilot to document your cloud flow

Demo



Copilot in cloud flows in action

Using Copilot in Desktop Flows

Your AI Assistant in Desktop Flows

The screenshot shows the Power Automate for desktop interface with an AI-generated flow. The flow consists of the following steps:

- Run application: Run application 'C:\Program Files (x86)\Contoso, Inc\Contoso Invoicing\LegacyInvoicingApp.exe' with arguments and store its process ID into AppProcessId.
- Start of autogenerated actions using the recorder
- Click UI element in window: Click on UI element Text 'Invoices'
- Click UI element in window: Click on UI element Image 'Image'
- Populate text field in window: Populate text box Edit 'TextBox' with AccountName
- Populate text field in window: Populate text box Edit 'TextBox' 2 with AccountContact
- Populate text field in window: Populate text box Edit 'TextBox' 3 with InvoiceAmmount
- Set drop-down list value in window: Select options 'Paid' in Combo Box 'ComboBox'
- Click UI element in window: Click on UI element Image 'Image' 2
- Get details of the UI element in window

The Copilot preview pane on the right shows the following interaction:

How can I add an item to a SharePoint list?

To add an item to a SharePoint list using desktop flows, you can follow these steps:

1. Launch Power Automate for desktop.
2. Create a new desktop flow by selecting "New flow" in the console.
3. Give your desktop flow a name and select "Create".
4. Design your flow in the flow designer by adding the necessary actions and configurations.
5. To add an item to a SharePoint list, you can use the "Create file" action from the SharePoint group of actions ①.
6. Select an existing connection reference and fill in the required parameters, such as the SharePoint URL and the details of the item you want to add.

Ask a question about Power Automate for desktop

0/500

Make sure AI-generated content is accurate and appropriate before use. This feature is powered by Azure OpenAI and Bing Search, and is currently in preview. [See terms](#)

Status: Ready

0 Selected actions 12 Actions 1 Subflow Run delay 100 ms

Use Copilot to analyze automation activity

The screenshot shows the Microsoft Power Automate desktop flow activity dashboard. The main interface includes a navigation bar with Home, Create, Templates, Learn, My flows, Approvals, Solutions, Work queues, Desktop flow activity (selected), Process mining, AI models, and More. Below the navigation is a Power Platform section. The dashboard features several charts and tables:

- Desktop flows completion status:** A donut chart showing 6,368 total runs with segments for Canceled (yellow), Failed (red), and Succeeded (green).
- Desktop flows runs and error rate:** A bar chart of daily runs from Oct 21 to Oct 26, with a red line showing the error rate.
- Average runs duration:** A stacked bar chart showing duration in minutes for Oct 21-26, with segments for Queuing and machine assignment (pink) and Execution (blue).
- Run status - Trends:** A 3D area chart showing the distribution of run statuses (Success, Cancelled, Failed) over time from Oct 21 to Oct 26.
- Top desktop flows runs status:** A table listing top desktop flows with their run counts across various categories.

A Copilot (preview) sidebar is open on the right, showing a conversation with the user. It includes a prompt guide, a history of recent prompts, and a summary of successful vs failed runs for the last week.

Desktop Flow	Attended	Unattended	Local	Successful	Skipped	Failed	Canceled	Total
Vendor feedback consolidation	—	1140	2	913	—	228	1	1142
Work permit approvals	—	1139	1	910	—	229	1	1140
Inventory valuation updates	—	1138	1	912	—	227	—	1139
Confined space entry (CSE) perm...	—	1137	1	924	—	214	—	1138
Process vendor invoices	—	1137	1	1009	—	126	1	1138

Prompt Samples

Show me the most frequent run errors during last month

Show me the top failed flows by number of runs together with their owner info

Which machines had the most run failures today?

Demo



Copilot in desktop flows

Using Copilot in Process Mining

Copilot in Process Mining

Details Share Download Process Mining app

Share feedback Copilot

Processes > ADO process > Overview

Last updated October 6 at 12:26 PM Refresh data

Summary Map Variant DNA

Average case duration: 10.11 Days Self loop cases %: 60.56% Loop cases %: 76.06% Rework cases %: 92.96%

Filters Clear filters

Total count: Variants: 64 Cases: 71 Activities: 10

Variants: Frequency Time

Frequency	Time
1	1
2	2
3	2
4	2
5	2
6	2
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1

Process mining (highlighted)

AI models

Desktop flow activity

More

Power Platform

Copilot Preview

Welcome to Copilot in Process Mining

Be more efficient than ever with AI assistance. Simply tell Copilot in Process Mining what you want to do and it will help you get started.

Try one of these examples to get started

- Provide the top insights
- Summarize my process
- Chat about my process

Ask a question about process mining

Sample Prompts

What is the most common variant?

What activities have the highest rework and rework percentage?

Make a summary description of the process, use the data provided to support your conclusions.

Give me introduction to process mining.

Demo



Copilot for Process Mining

Using Copilot in Model-driven Apps

You Have a Copilot for Your App

The screenshot shows a Microsoft Power Apps interface for an "Insurance Claims" app. The top navigation bar includes "Power Apps" and "Insurance Claims" on the left, and "New look" (switched off), search, add, filter, settings, help, and user profile icons on the right.

The main content area displays a list titled "Active Insurance Claims*". The columns are "Date of Claim", "Vehicle Make", and "Vehicle Model". The data is as follows:

Date of Claim	Vehicle Make	Vehicle Model
'14/2022	Toyota	Camry
'9/2022	Honda	Accord
'19/2022	Hyundai	Sonata
'24/2022	Ford	Escape
'14/2022	Toyota	Rav4
'09/2022	Honda	Civic
1/19/2022	Chevrolet	Malibu

At the bottom of the list, it says "Rows: 100".

To the right of the list is a "Copilot" sidebar. It has a "Chat" tab selected. A message bubble asks, "What are the top 3 Vehicle Models with the most claims?", and the AI response is, "The top 3 vehicle models with the most claims are Camry with 13 claims, Accord and Sonata with 7 claims each." Below this, there's a note, "AI-generated content may be incorrect", with like and dislike buttons. At the bottom of the sidebar, it says, "Ask a question about the data in this app, or tell me what you're looking for" with a character counter "0/500". At the very bottom, it says, "Make sure AI-generated content is accurate and appropriate before using. [See terms](#)".

Demo



Copilot in model-driven apps

Using Copilot in Canvas Apps

Copilot Features in Canvas Apps

Create your canvas app and Dataverse table

Help you customize your app

Add a Copilot to your canvas app

**Describe your app and Copilot
will help you create it**

**Copilot will help you create a
Dataverse table for your app**

**Copilot works with apps that
use Dataverse as a data
source**

The screenshot shows the Microsoft Power Apps AI builder interface. At the top, there is a navigation bar with the company logo 'GLOBOMANTICS', the text 'Power Apps', a search bar, and user profile icons. The main area features a large, colorful background graphic with abstract shapes and text prompts. One prominent prompt reads 'Let's build an app. What should it do?' followed by four options: 'Collect RSVPs', 'Track sales leads', 'List inventory', and 'Manage inspections'. Below this, a text input field says 'Use everyday words to describe what your app should collect, track, list, or manage ...' with a small arrow icon pointing right. A note at the bottom of this section states 'This feature uses generative AI. [See terms](#)'. Further down, under the heading 'Other ways to create an app', there are three cards: 'Start with data' (icon of a database), 'Start with a page design' (icon of a page with a grid), and 'Start with an app template' (icon of a document with a grid). Each card has a brief description below it.

Start from an Excel File



Power Apps



Search

Environment
Globomantics.Org



Create an app

Here's a table for your app

This is a preview of the first 20 rows of your table. You can change how the columns are configured, or change the table properties to suit your needs. When everything looks good, select **Create app** and a new app will be created with this data.

File uploaded successfully

File Auto Claims.xlsx

Rows Previewing 1-20 of 101 rows

Columns 9



The table name, description, and data types were generated by copilot AI. If column headers weren't detected, they were

Edit table properties Row ownership

Auto Insurance Claims

Use first row as column headers

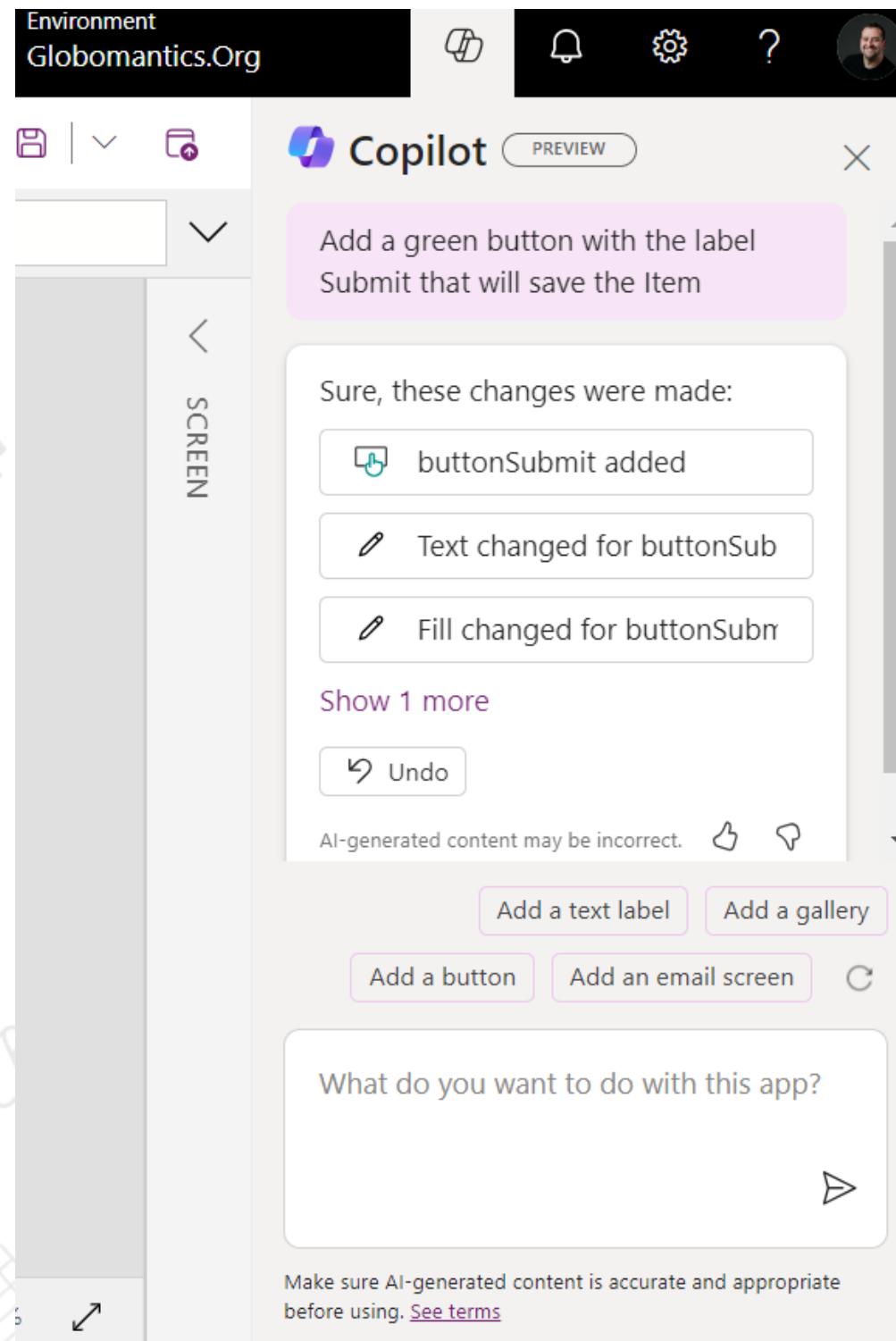
	Claim ID	Date of Acci...	Date of Claim	Policy Hold...	Vehicle Make	Vehicle Model
1	5/10/2022	5/15/2022		1,001	Toyota	Camry
2	6/5/2022	6/10/2022		1,002	Honda	Accord
3	7/15/2022	7/20/2022		1,003	Hyundai	Sonata
4	8/20/2022	8/25/2022		1,004	Ford	Escape
5	9/12/2022	9/15/2022		1,005	Toyota	Rav4
6	10/8/2022	10/10/2022		1,006	Honda	Civic
7	11/18/2022	11/20/2022		1,007	Chevrolet	Malibu

Cancel

Back

Create app

Use Copilot to Customize Your App



Copilot can help you add components to your app

- Buttons
- Galleries
- Screens
- Etc.

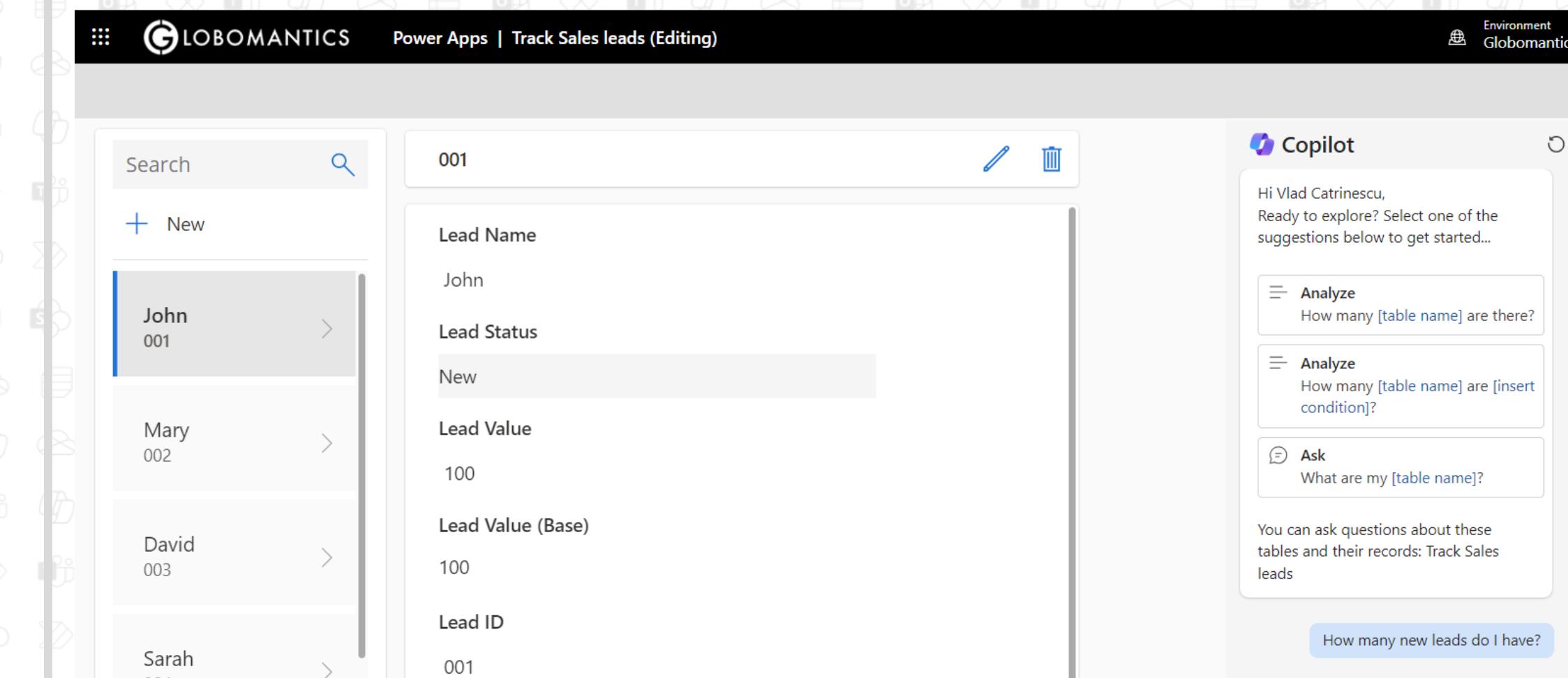
Use Copilot to create formulas for

- Sorting
- Filtering
- Conditional formatting

Add a Copilot inside your application

Link it to the same data source

Users can now explore the data using a custom Copilot for your app!



Demo



Copilot in Power Apps canvas apps

Thank You!



@VladTalksTech



/VladCatrinescu



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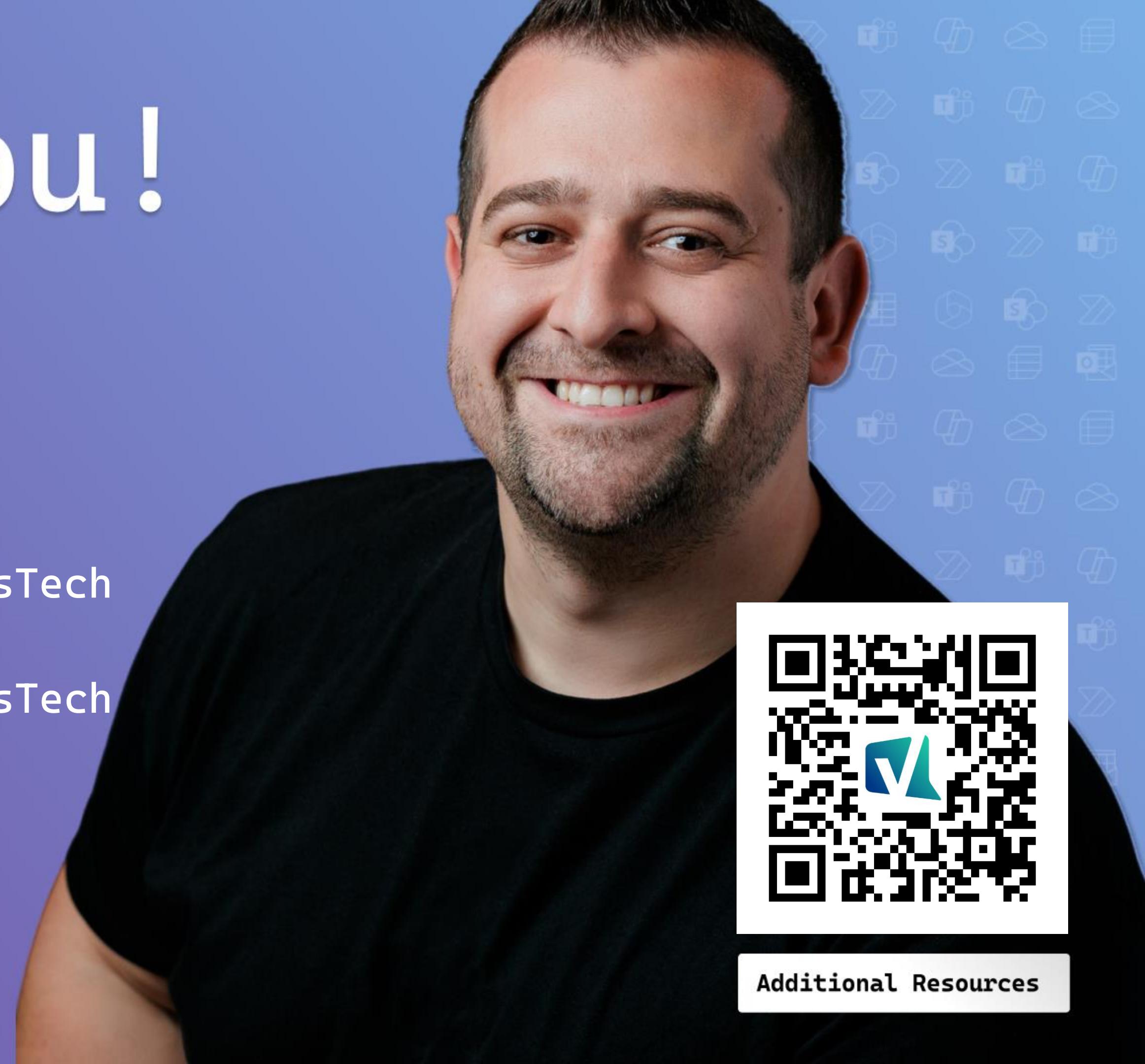
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Additional Resources