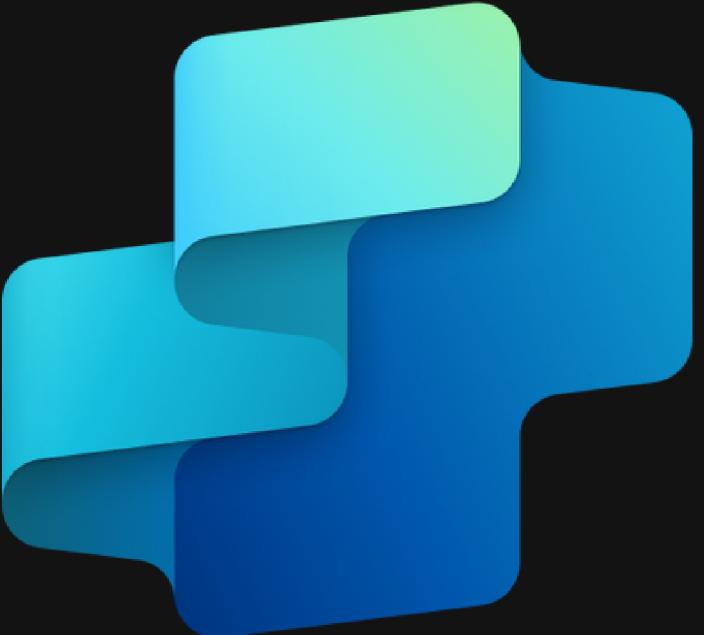


= 11 =

Revolutionizing  
Copilot Conversations with  
Adaptive Cards



MONTHLY MASTERY

# FEATURE-A-DAY

with Copilot Studio



Handcrafted Insights by  
Katerina Chernevskaya



# Adaptive Cards Basics

Adaptive Cards in Copilot Studio offer a dynamic way to interact within conversations.

They are **customizable cards** that can display rich, interactive content and are used for both **collecting information** from users and **presenting data**.

Think of them as **interactive** digital forms or information displays within your Copilot's chat flow.

They **enhance user engagement** by allowing more than just text-based interactions – users can interact with dropdowns, date pickers, and more, making the conversation experience more interactive and visually appealing.



Handcrafted Insights by  
Katerina Chernevskaya



# Adaptive Cards

## Designing the Template

Designing your Adaptive Card template in Copilot Studio can be as creative as sketching a masterpiece or as precise as coding a puzzle.



Choose between using the user-friendly [Adaptive Cards Designer](https://adaptivecards.io/designer/) (<https://adaptivecards.io/designer/>) for a more visual approach or dive into the world of [JSON](#) for direct code authorship.



Handcrafted Insights by  
Katerina Chernevskaya

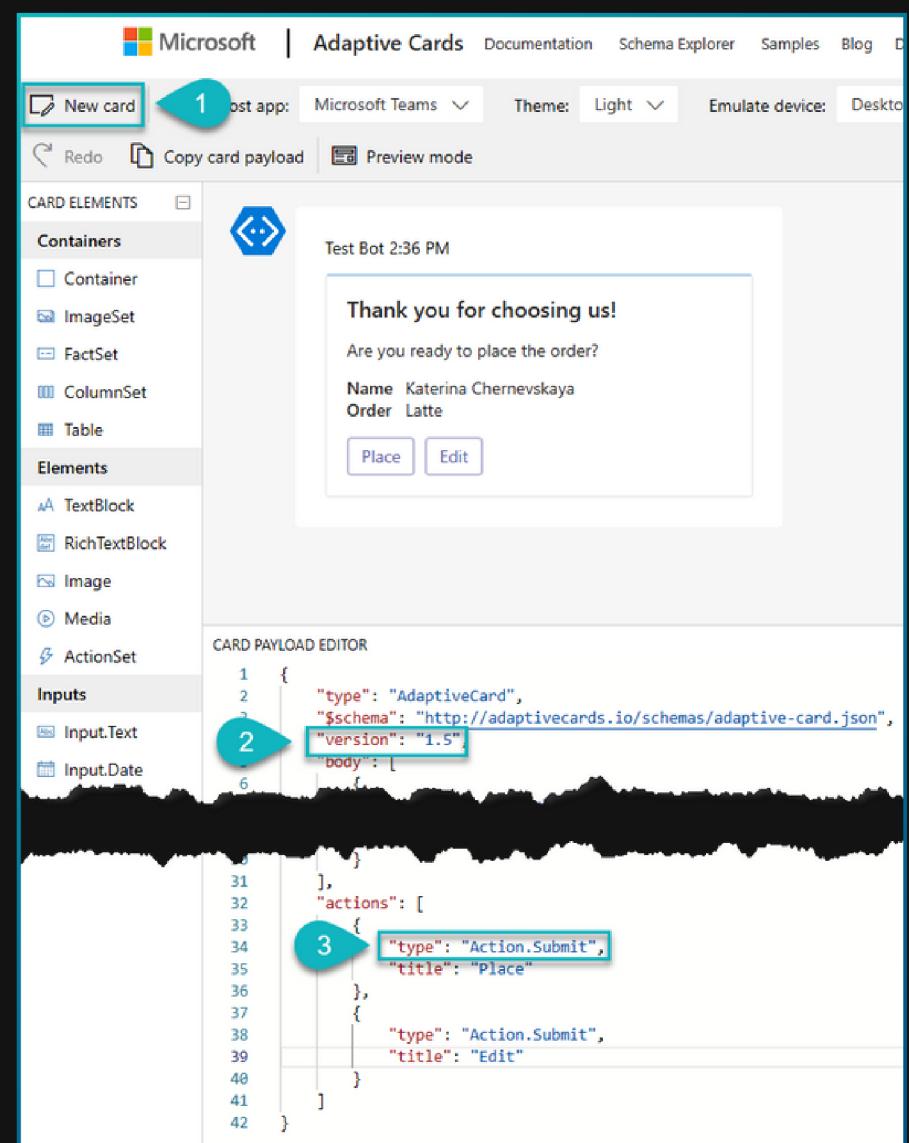


# Adaptive Cards

## Designing the Template

When designing your Adaptive Card template, keep these key points in mind:

1. Don't hesitate to use **pre-built templates**. They offer a great foundation.
2. Ensure your Adaptive Card schema is at **version 1.5** for optimal functionality.
3. Include a **submit button** for interactive cards designed for user input. If your card only displays information, attach it to a **Message node** instead.



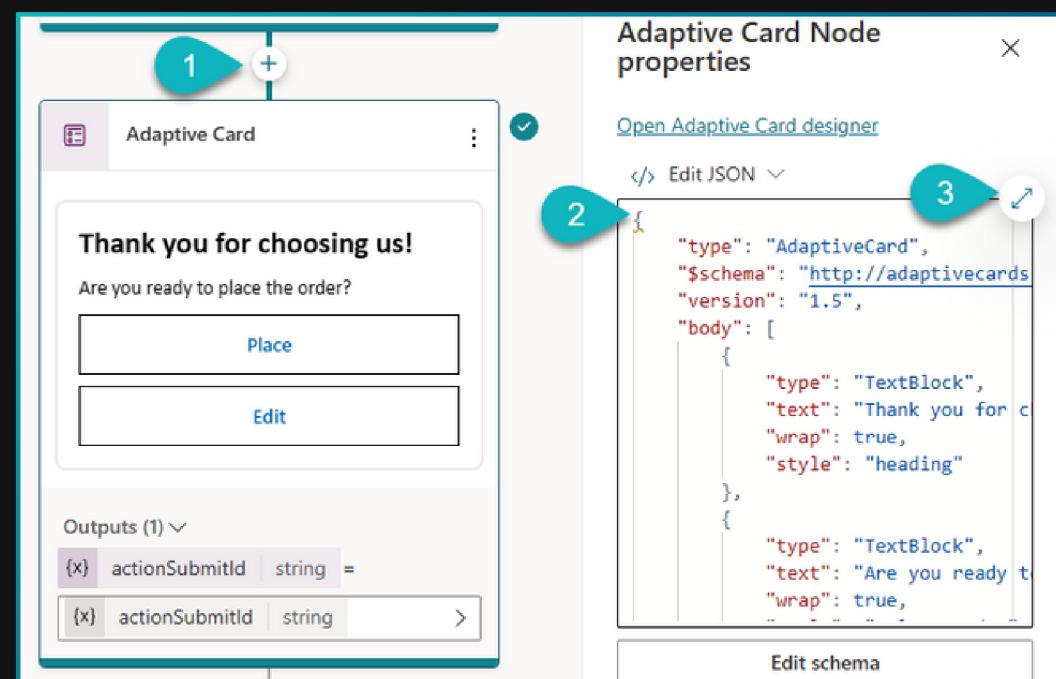
Handcrafted Insights by  
Katerina Chernevskaya



# Adaptive Cards Integration into Topic

To incorporate an Adaptive Card in your Copilot topic:

1. Add a new node and select **Ask with Adaptive Card**.
2. On the properties pane in the **Edit JSON** section, input your card's JSON code.
3. For a more extensive view, use the **Expand** icon to enlarge the JSON editor.



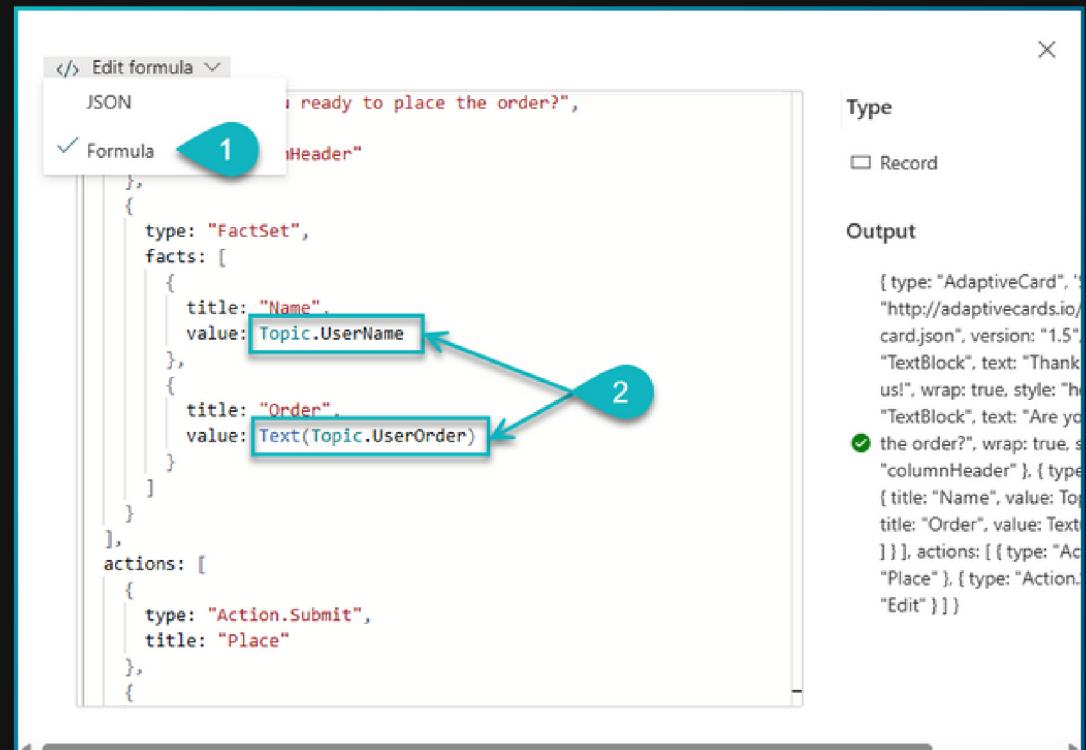
Handcrafted Insights by  
Katerina Chernevskaya



# Adaptive Cards Power Fx for Dynamic

To make your Adaptive Card dynamic using Power Fx:

1. Navigate to the [Edit formula](#) in the [Editor](#) and switch to the [Formula](#) mode. This transforms your existing JSON-based card into a Power Fx-capable format.
2. Insert [Power Fx expressions](#) into your card. This step brings interactivity and real-time data integration to your Adaptive Card, making it respond dynamically to user interactions or data changes.



Handcrafted Insights by  
Katerina Chernevskaya



# Adaptive Cards Configuration

Configuring Adaptive Cards in Copilot Studio allows for enhanced interaction control:

## 1. Response to Invalid Input

Set how many times the copilot should reprompt if a user sends a text message instead of submitting the card.

## 2. Customizing Retry Prompts

Personalize the message sent when the bot retries to get a valid submission, ensuring users are guided correctly.

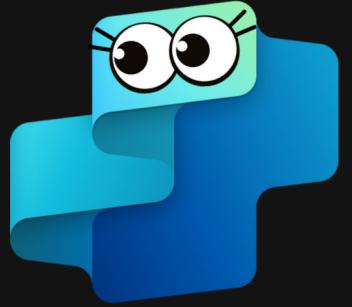
## 3. Topic Interruption Flexibility

Decide whether incoming messages can interrupt the card submission process, switching to a different topic, and then resuming the card submission afterwards.



Handcrafted Insights by  
Katerina Chernevskaya





# Today's Task: Crafting an Adaptive Card

## 1. Create Your Card

Design an Adaptive Card using the Adaptive Cards Designer or JSON. Ensure it includes at least one submit button for interaction.

## 2. Integrate into a Topic

Embed your Adaptive Card into a specific topic within your Copilot conversation flow.

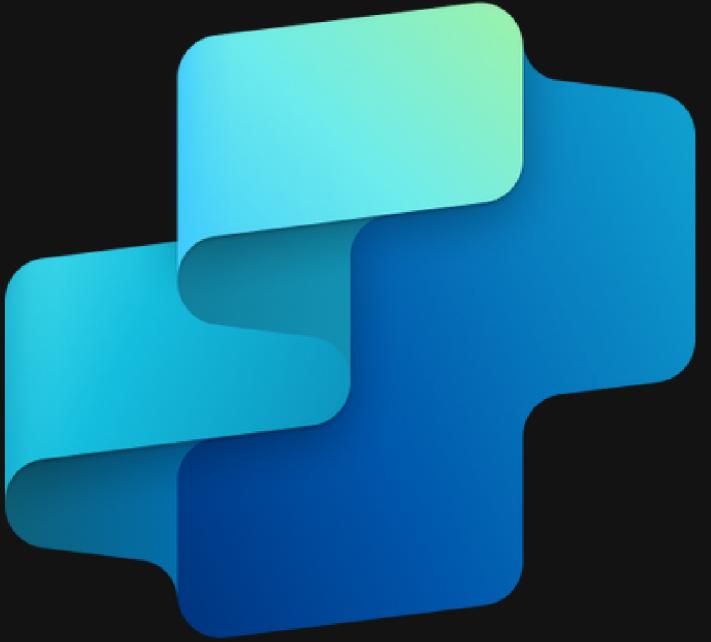
## 3. Configure and Test

Set up additional properties like reprompts and topic switching. Then, test the card in a conversation to ensure it functions as intended.



Handcrafted Insights by  
Katerina Chernevskaya





MONTHLY MASTERY

# FEATURE-A-DAY

with Copilot Studio



Handcrafted Insights by  
Katerina Chernevskaya

Follow for more!