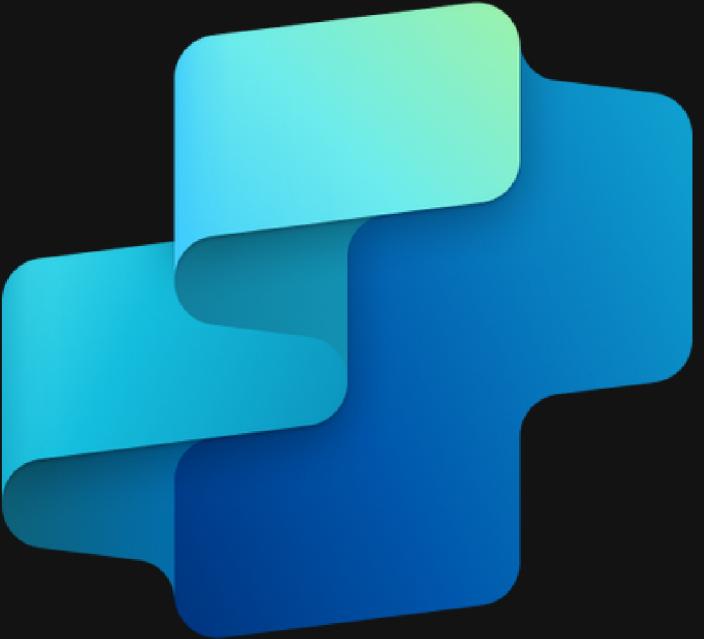


- 25 -

Exploring HTTP Node Integration



MONTHLY MASTERY

FEATURE-A-DAY

with Copilot Studio



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HTTP Node Overview

HTTP request node is your copilot's superpower to reach out and touch the world of external REST APIs.

Need to grab some data from a far-off system or give it a little nudge? This is your go-to tool. It's like giving your copilot a magic wand to fetch and fiddle with data, wherever it may be!



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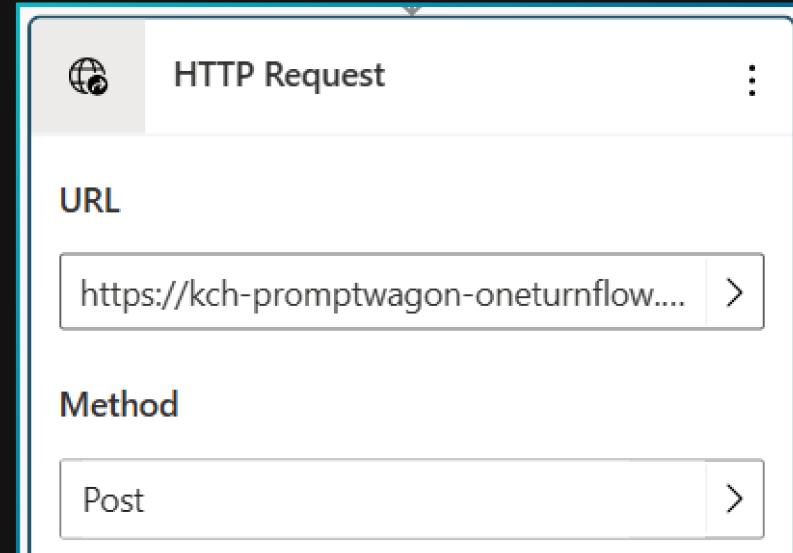


Crafting HTTP Requests

Create a Node

Start a new digital adventure!

1. Click on **Add node** (+), dive into the **Advanced** submenu, and select **Send HTTP request**.
2. In the **URL** box, type in the address of the API endpoint you're calling. This is your copilot's destination.
3. Choose your request **Method** from the dropdown. Whether it's GET, POST, PATCH, PUT, or DELETE, your copilot's got you covered.



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Crafting HTTP Requests

Add Headers

4. Click **Edit** under Headers and body on the node. This is where you'll open the gateway to the properties.
5. Feel free to add some **Headers** to your HTTP request. Just click **Add** and enter each header's key and value. It's like giving your request a fancy hat!

HTTP Request properties X

Choose a REST API to invoke/sends an HTTP request to an external endpoint.

Headers

Give additional information with values.

Key	Value
Content-Type	application/json
Authorization	Bearer mMngojRwjegkfV4gBg...
azureml-model-deployment	kch-promptwagon-oneturnflo...

Add



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Crafting HTTP Requests

Specify the Body

6. The **Body** of your HTTP request starts empty, but you can fill it with content as needed. Think of it as packing a suitcase for your request's journey.

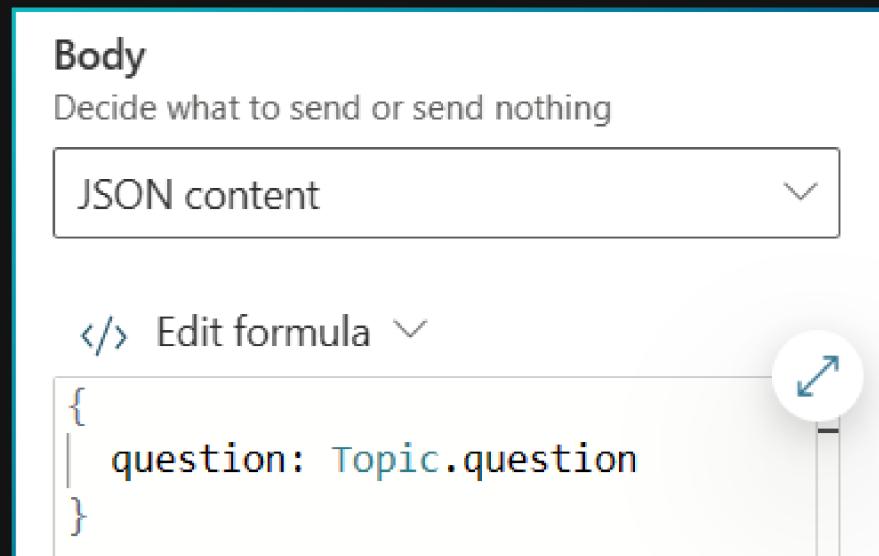
Want to get dynamic? Inject **Power FX** into your JSON content. Hit **Edit JSON**, select **Formula**, and enter a Power FX object. It magically transforms into JSON when the request is sent!

Body
Decide what to send or send nothing

JSON content

</> Edit formula

```
{  
| question: Topic.question  
|}
```

A screenshot of a Power BI JSON body editor. The title 'Body' is at the top, followed by the instruction 'Decide what to send or send nothing'. Below is a dropdown menu set to 'JSON content'. Underneath is a 'Edit formula' button with '</>' and a dropdown arrow. A code editor shows a single-line JSON object: '{ | question: Topic.question | }'. To the right of the code editor is a circular icon with a double-headed arrow, indicating a connection or transformation process.



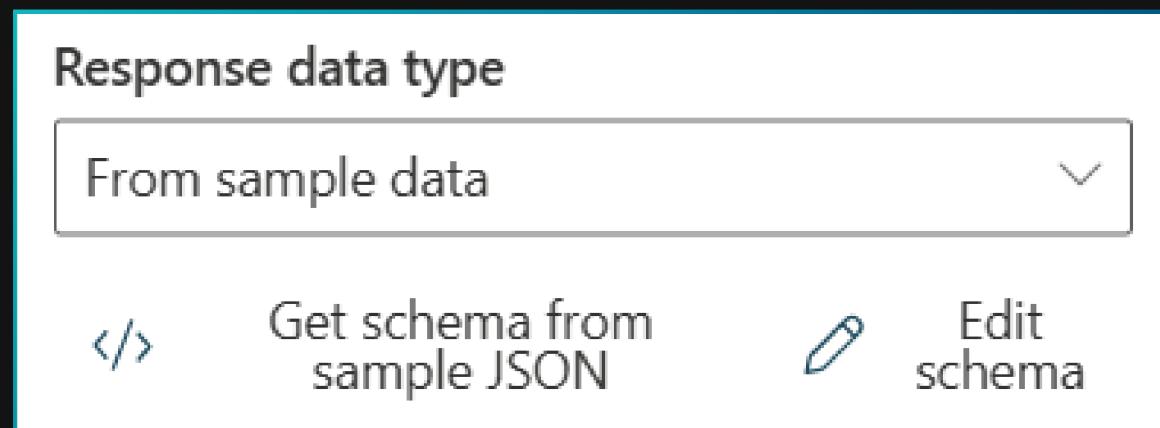
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Crafting HTTP Requests

Add the Response type

7. Choose the Response data type directly on the node. If you have an example JSON response, use it to create a smart Power FX variable. Just select [From Sample Data](#), click [Get schema from sample JSON](#), paste your example, and confirm. It's like giving your copilot a treasure map of data!



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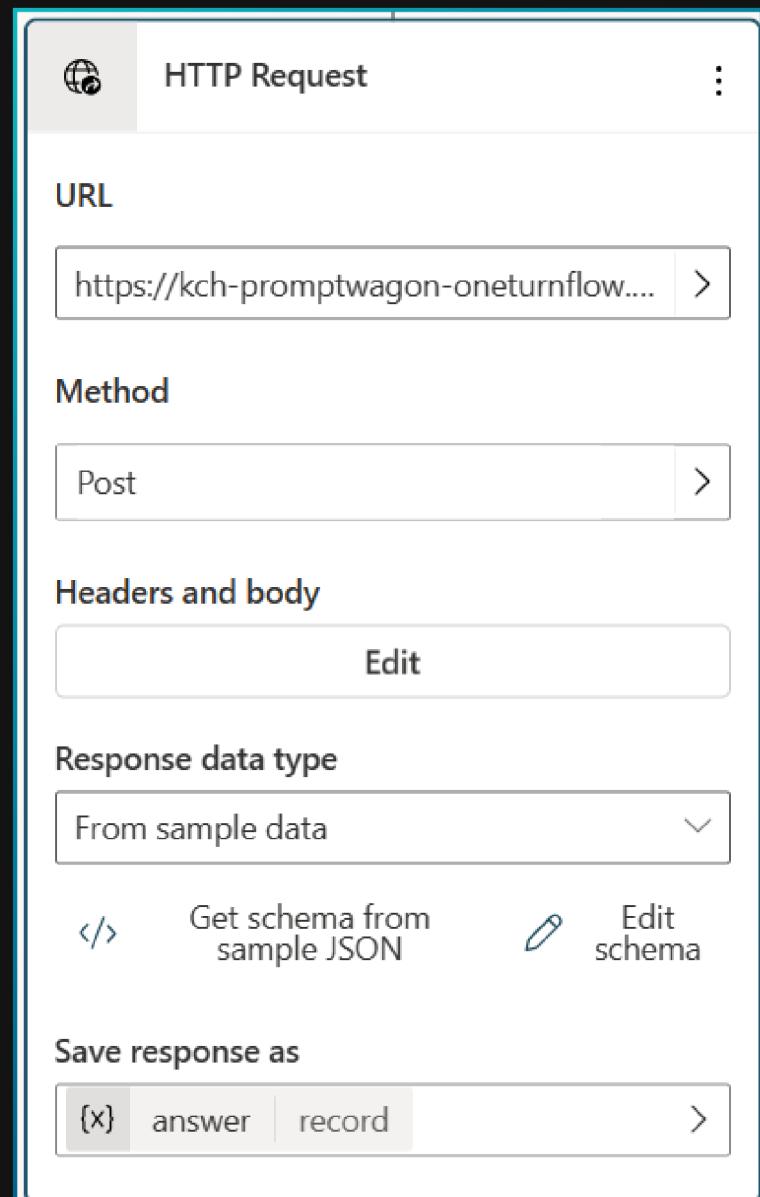


Crafting HTTP Requests

Store the Response

8. Decide where to store the HTTP request response under **Save response as**.

You can tuck it into a new variable or nestle it into an existing one. Your digital treasure chest awaits!



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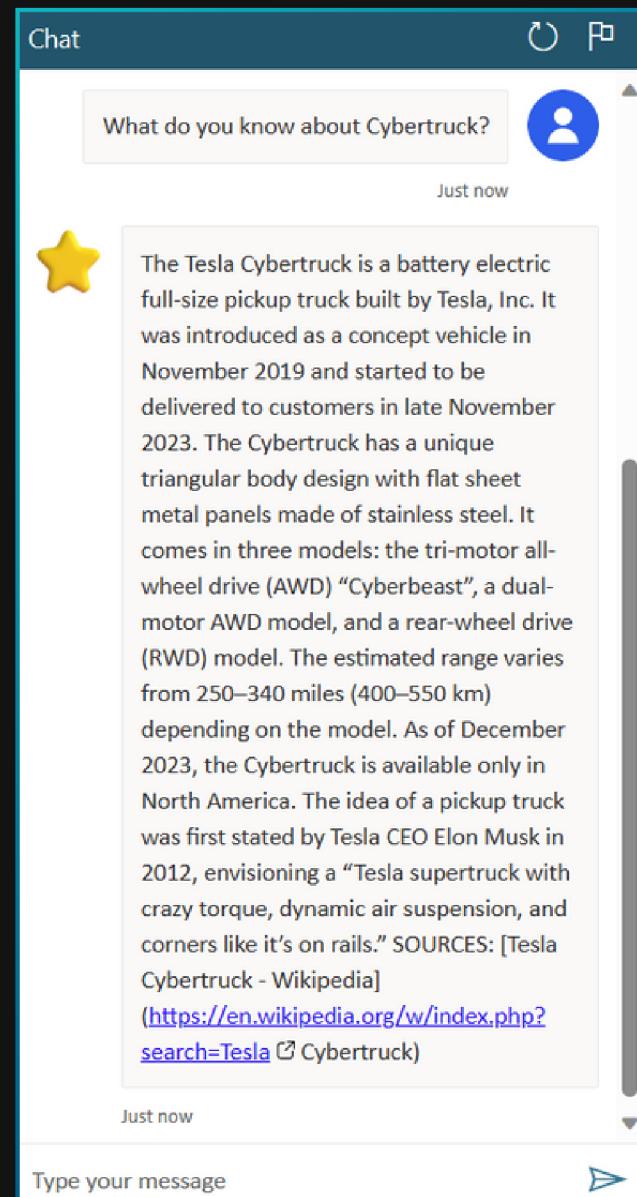
HTTP Node

Test The Topic

Now that we've navigated the nuances of adding content to the HTTP request body, let's put it to the [test](#)!

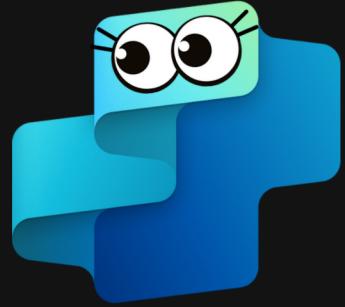
Utilizing the HTTP node in Copilot Studio opens up a world of possibilities, from [dynamic content](#) customization to [enhanced copilot](#) functionality.

Get ready to see your copilot interactions become more powerful and versatile than ever!



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Today's Task: Mastering HTTP Requests

1. Experiment with HTTP Request Bodies

Use Copilot Studio to create and modify the body of HTTP requests, experimenting with different content types.

2. Incorporate Power Fx in JSON

Practice using Power Fx to dynamically generate JSON content for your requests, enhancing the flexibility and power of your bot's interactions.

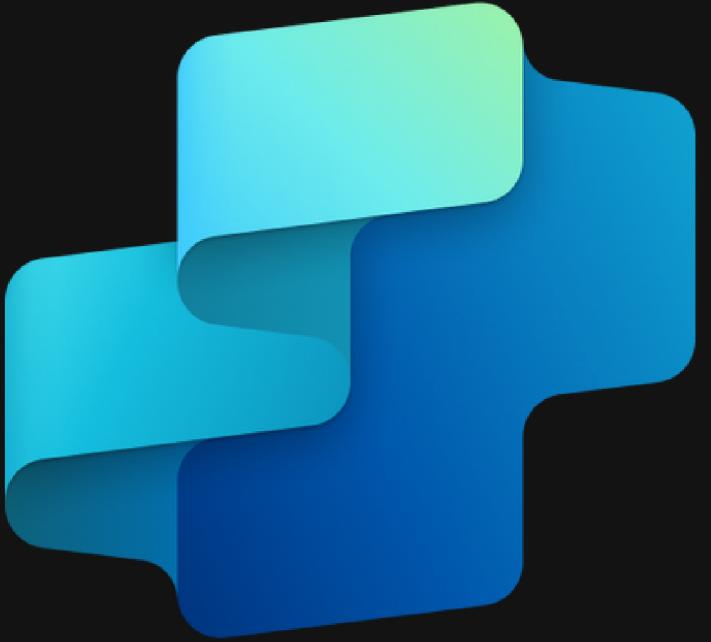
3. Test and Observe

Run various scenarios to test the functionality of your HTTP requests.



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