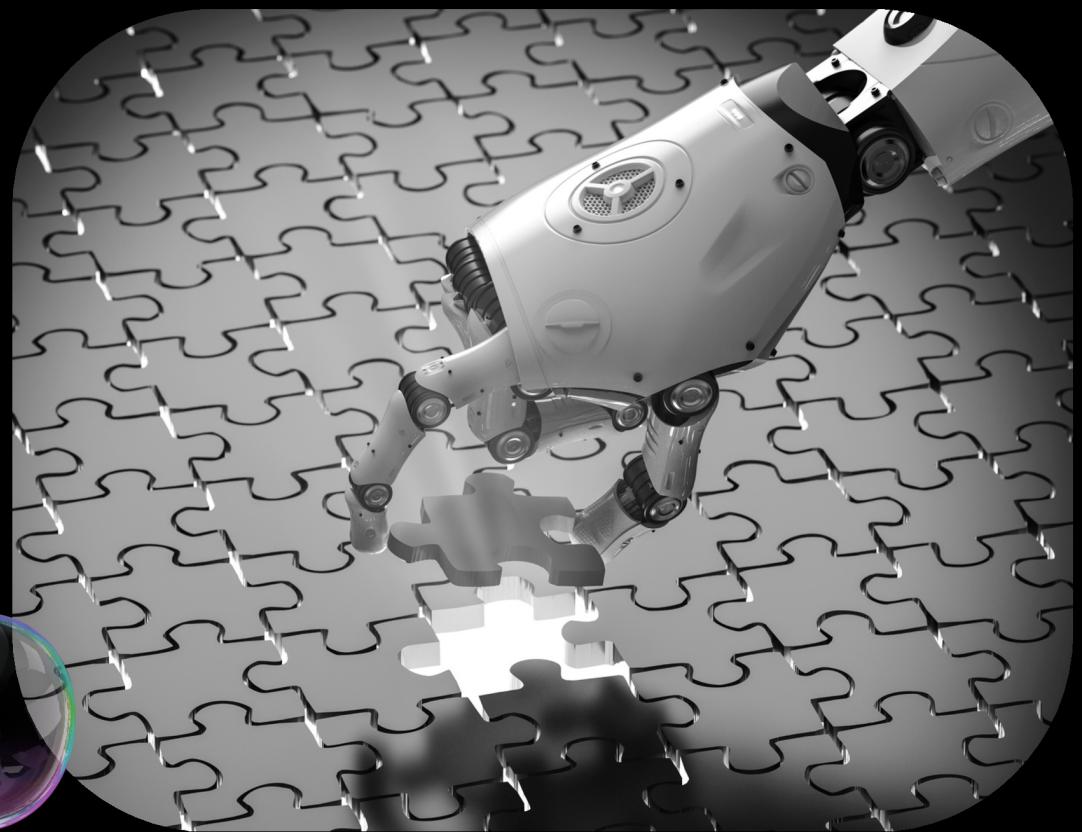


Azure Mastery: Building Smarter Bots

Prompt Flow Endpoint



Created by
Katerina Chernevskaya



Prompt Flow Endpoint

Definition

An endpoint in Azure AI Studio is a specific URL where your Prompt Flow is deployed, allowing it to receive data and return responses via API calls.



Created by
Katerina Chernevskaya



Prompt Flow Endpoint

Basic settings

- **Endpoint name:** The unique identifier for the endpoint where the Prompt Flow is deployed.
- **Deployment name:** A specific name given to the deployment to distinguish it among others in the same project or environment.
- **Virtual machine:** The type of Azure VM used for hosting the endpoint, impacting performance and capacity.
- **Instance count:** The number of virtual machine instances allocated for the endpoint, which determines the scalability and fault tolerance.
- **Inferencing data collection:** Collection of data, useful for monitoring and improving the model's performance.



Created by
Katerina Chernevskaya



Prompt Flow Endpoint

Advanced settings

- **Authentication type:** The method of securing the endpoint, ensuring that only authorized users can access it.
- **Tags:** Custom labels applied to the deployment for organization and management, making it easier to categorize and retrieve deployments within the Azure environment.
- **Outputs:** The type of data the endpoint will output, which helps in integrating with other systems.
- **Connection:** The configuration related to network and connectivity settings that dictate how the endpoint communicates with other services or applications.



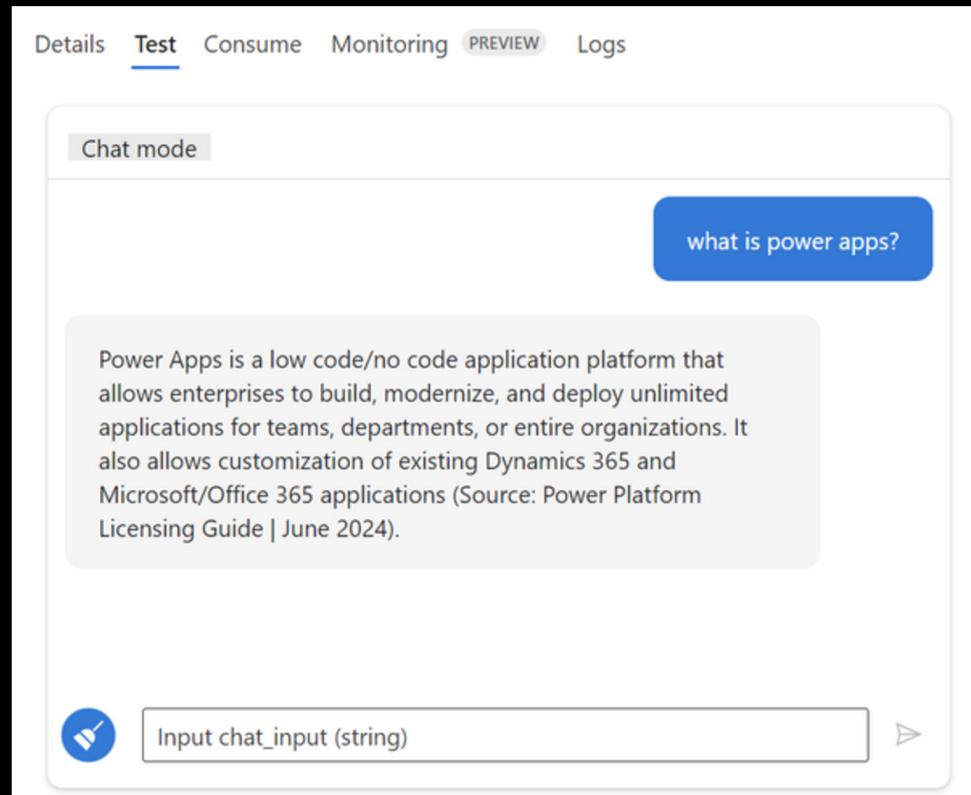
Created by
Katerina Chernevskaya



Prompt Flow Endpoint

Test

You can test the deployment in an immersive chat window in Azure AI Studio.



Created by
Katerina Chernevskaya



Prompt Flow Endpoint

Consume

On the deployment detail page, go to the **Consume** tab to find the REST endpoint, access keys, and deployment name needed for connection. This area also provides sample code in various programming languages to help you start consuming the endpoint effectively.

The screenshot shows the 'Basic consumption info' section with the REST endpoint set to `https://demo-lich-endpoint.southcentralus.inference.ml.azure.com/score`. Under 'Authentication', there are fields for 'Primary key' and 'Secondary key' with 'Regenerate' buttons. In the 'Consumption option' section, the 'JavaScript' tab is selected, showing the following code:

```
1 // Request data goes here
2 // The example below assumes JSON formatting which may be updated
3 // depending on the format your endpoint expects.
4 // More information can be found here:
5 // https://docs.microsoft.com/azure/machine-learning/how-to-deploy-advanced-entry-script
6 const requestBody = "{}";
7
8 const requestHeaders = new Headers({"Content-Type" : "application/json"});
9
10 // Replace this with the primary/secondary key, AMLToken, or Microsoft Entra ID token for the endpoint
```



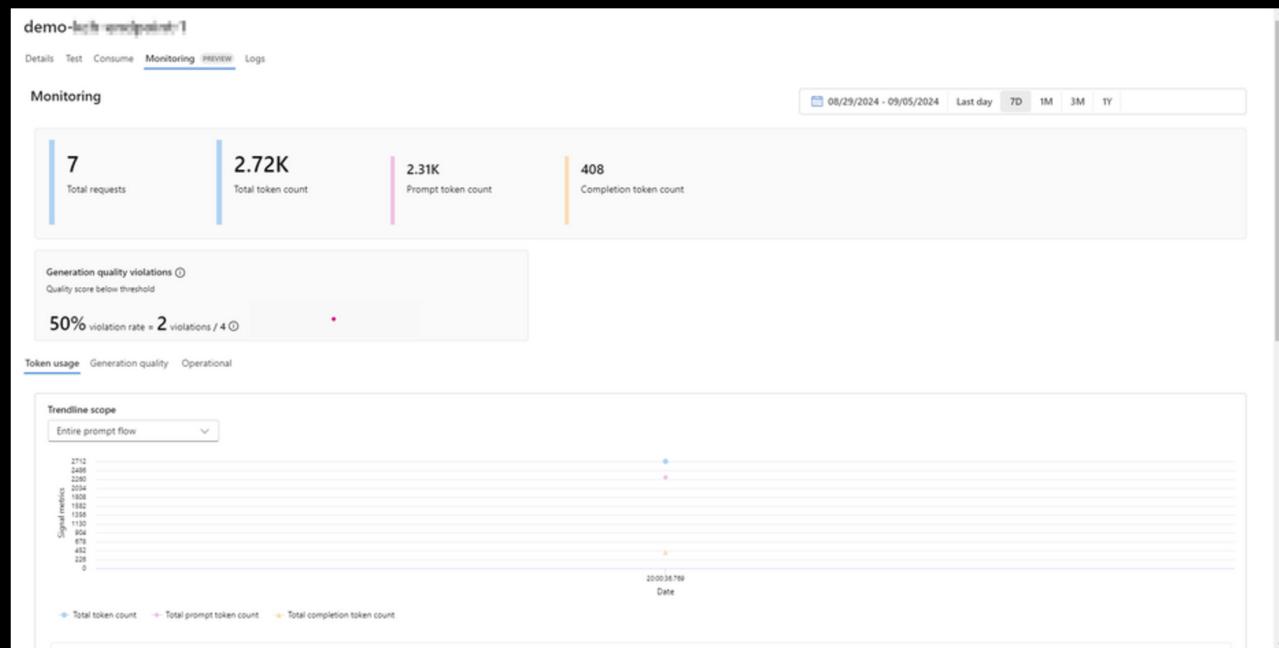
Created by
Katerina Chernevskaya



Prompt Flow Endpoint

Monitoring

To monitor the quality and safety of your deployed endpoint, Azure AI Studio provides a detailed monitoring dashboard accessible from the deployment details.



Created by
Katerina Chernevskaya



Prompt Flow Endpoint

Benefits

- **Accessibility:** Provides a secure, accessible interface for applications to interact with AI models in real time.
- **Integration:** Simplifies the integration of AI capabilities into existing systems, enhancing application functionality.
- **Real-Time Interaction:** Enables applications to leverage AI insights instantly, improving responsiveness and user experience.



Created by
Katerina Chernevskaya



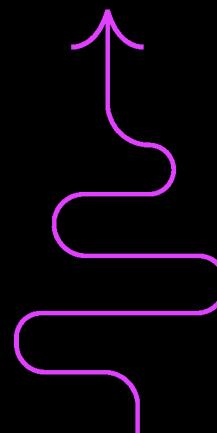
Azure Mastery: Building Smarter Bots

Wanna make
your chatbots
smarter



**REGISTER TODAY,
SECURE YOUR SEAT,
AND SAVE 50%!**

www.balticsummit.pl



BALTIC SUMMIT

UNLEASH THE POWER OF MICROSOFT SOLUTIONS

PPNT GDYNIA, POLAND

13 SEPTEMBER 2024

50% OFF WITH PROMO CODE: KATERINA_BPPC

ENHANCING CHATBOT
INTELLIGENCE WITH
AZURE AI STUDIO'S
PROMPT FLOW

REGISTER NOW

KATERINA CHERNEVSKAYA

www.balticsummit.pl



Azure Mastery: Building Smarter Bots

Key Terms

Follow for more!



Created by
Katerina Chernevskaya