





**Azure AI Foundry** / project55979275 / Playgrounds / Chat playground

Chat playground

View code Deploy Import Export Prompt samples Filters feedback

**Setup**

Deployment [+ Create new deployment](#)

gpt-4o (version:2024-11-20)

Give the model instructions and context

You are an AI assistant that helps people find information.

Apply changes Generate system prompt

+ Add section

Add your data

Parameters

**Chat history**

Response format Text

Start with a sample prompt

- Travel guide**  
Write a travel guide for an imaginary city with unique attractions and culture.
- Recipe creation**  
Invent a recipe for a dish that combines flavors from two different cuisines.
- Character development**  
Describe a day in the life of a superhero who has lost their powers.

What desserts could I make with this fruit?

91/128000 tokens to be sent

**Azure AI Foundry** / project55979275 / Playgrounds / Chat playground

Chat playground

View code Deploy Import Export Prompt samples Filters feedback

**Setup**

Deployment [+ Create new deployment](#)

gpt-4o (version:2024-11-20)

Give the model instructions and context

You are an AI assistant that helps people find information.

Apply changes Generate system prompt

+ Add section

Add your data

Parameters

**Chat history**

Response format Text

Azure AI Foundry | gpt-4o-2024-11-20 | AI-generated content may be incorrect

This is a mango, a versatile and delicious fruit that can be used in various desserts. Here are some ideas:

- Mango Sorbet**
  - Blend fresh mango with sugar and lime juice, then freeze to create a refreshing, dairy-free treat.
- Mango Cheesecake**
  - Use mango puree to flavor the cheesecake filling or top a classic cheesecake with sliced mangoes.
- Mango Sticky Rice**

Type user query here. (Shift + Enter for new line)

744/128000 tokens to be sent

https://ai.azure.com/resource/project/project55979275/connections/User1-mha6et5z-eastus2/deployments/gpt-4o?wsid=/subscriptions/ae8e9157-2cf...

Azure AI Foundry / project55979275 / Deployments / gpt-4o

gpt-4o

Details Metrics Risks & Safety

Open in playground Request quota Edit Delete

Endpoint

Target URI  
https://user1-mha6et5z-eastus2.cognitiveservices...

Authentication type  
Key

Key

Deployment info

Name	gpt-4o	Provisioning state	Succeeded
Deployment type	Global Standard	Created on	2025-10-28T06:21:08.116884Z
Created by	User1-55979275@LODSPRODCA.onmicrosoft.com	Modified on	Oct 27, 2025 11:21 PM

Language: Python SDK: Azure OpenAI SDK Authentication type: Key Authentication

Open in VS Code

### Get Started

Below are example code snippets for a few use cases. For additional information about Azure OpenAI SDK, see full [documentation](#) and [samples](#).

#### 1. Authentication using API Key

For OpenAI API Endpoints, deploy the Model to generate the endpoint URL and an API key to authenticate against the service. In this sample endpoint and key are strings holding the endpoint URL and the API Key.

The API endpoint URL and API key can be found on the Deployments + Endpoint page once the model is deployed.

To create a client with the OpenAI SDK using an API key, initialize the client by passing your API key to the SDK's configuration. This allows you to authenticate and interact with OpenAI's services seamlessly:

```
import os
from openai import AzureOpenAI

client = AzureOpenAI(
```

File Edit Selection View Go Run ... mslearn-ai-vision

EXPLORER

- MSLEARN AI-VISION
  - Instructions
  - Labfiles
    - analyze-images
    - dalle-client
    - face
    - gen-ai-vision
      - python
        - chat-app.py
        - mystery-fruit.jpeg
        - requirements.txt
        - mango.jpeg
        - orange.jpeg
        - image-classification
        - object-detection
        - ocr
        - video-indexer

chat-app.py

```
Labfiles > gen-ai-vision > python > chat-app.py
12 def main():
16     try:
39         while True:
45             else:
55                 response = openai_client.chat.completions.create(
58                     {"role": "system", "content": system_message},
59                     {
60                         "role": "user",
61                         "content": [
62                             {"type": "text", "text": prompt},
63                             {"type": "image_url", "image_url": {"url": data_url}}
64                         ]
65                     }
66                 )
67             print(response.choices[0].message.content)
68
69 except Exception as ex:
70     print(ex)
71
72
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Admin\Desktop\mslearn-ai-vision\Labfiles\gen-ai-vision\python> az login

Ln 75, Col 1 Spaces: 4 UTF-8 CRLF Python

