QUIZ

What is a few-shot prompt used for?

To specify the model type to be used

Providing the model with a small amount of example data to guide its response

👏 Great job!

Initiating a conversation between multiple participants

Creating a stream-like, chat-based interaction

What is the primary purpose of the `openai` module in Python?

To build and train new machine learning models from scratch within Python applications.

To automate data analysis and predictive modeling using traditional statistical methods.

To offer developers a suite of tools for interacting with OpenAI's large language models, enabling the integration of generative AI into Python applications.

👏 Correct!

To perform advanced image recognition and processing tasks using pre-built algorithms.

Which of the following is **NOT** a message role type that can be used in a chat completion prompt?

assistant

observer

👏 Great job!

user

system

In the following code, `saved_messages` is a list containing a series of `user` and `assistant` messages from a previous interaction with the OpenAI API. Which line of code would you use to add on the newly generated `assistant` message.

```
response = client.chat.completions.create(
    model="gpt-3.5-turbo",
    messages=saved_messages
)
```

```
saved_messages.append(
    {
        "role": "assistant",
        "content": response
    }
)
```

```
saved_messages.append(
    {
        "role": "assistant",
        "content": response.choices[0].message.content
    }
)
```

👏 Correct!

Complete the following Python code by filling in the blanks with the appropriate code to initiate a chat with a GPT model:

```python
from openai import OpenAI

client = OpenAI ()

response = client. chat.completions .create(
    model="gpt-3.5-turbo",
    messages =[
        {
            "role": "user",
            "content": "What is the capital of France?"
        }
    ]
)

print(response.choices[0]. message .content)
```

👏 You got it!

What is the **system** message role used for when creating a prompt?

Specifying the penalty parameters for the model

Providing the model with instructions, background information, or context on how to generate responses

👏 You got it!

Specifying the maximum token limit for the prompt

Defining what model will be used in the chat.