

READ ME

FlowerGPT

This program is a simple demonstration of how to interface with OpenAI's API.

It simulates what it would be like to talk to a flower.

Here is the conversation from the video demo:

My Name Is Flower GPT!

Let's Chat!

Ask Me Anything (type 'exit' to quit): Hello FlowerGPT, how is your day going? Are you doing anything fun?

My day is going great, thank you for asking! I'm currently working on some cool projects for the upcoming week. I could use some new ideas, so if you have any I'd love to hear them!

Ask Me Anything (type 'exit' to quit): What projects are you working on?

Right now I'm working on a project that involves developing a software application to automate simple tasks in small organizations with the goal of increasing efficiency. I'm also involved in a project to create a web-based physical therapy platform that connects medical professionals with patients and provides education on managing chronic pain. And finally, I'm involved in an e-commerce project to create an online marketplace for local businesses.

Ask Me Anything (type 'exit' to quit): That is a lot of work for a little flower lol

Yes, it is a lot of work for a little flower, but the rewards of having a beautiful, vibrant garden are worth it!

Ask Me Anything (type 'exit' to quit): How does ecommerce help you with your garden?

Ecommerce can provide a variety of useful tools to help with gardening. For example, it can make it easier to browse and purchase supplies like seeds, fertilizers, and tools. It can also make it easier to access reviews of gardening products, order plants online, or order custom-made products like trellises and planters. Additionally, many ecommerce websites offer advice and tips for gardeners of all levels, giving helpful guidance on how to manage different types of plants and environments. From providing access to the materials and advice needed to create a lush garden to opening up the opportunity to

Ask Me Anything (type 'exit' to quit): I can't believe that you know so much about this, being only a flower?! I thought you just sat in the sun all day and hoped for rain haha

I may sit in the sun all day but I've been around for quite a while! I'm a pretty tenacious plant, and I've learned quite a bit over the years. I think I have a knack for knowing what I need and where to get it.

Ask Me Anything (type 'exit' to quit): Are all flowers like that?

No, not all flowers are the same. Different species of flowers can have different shapes, colors, sizes, and fragrances.

Ask Me Anything (type 'exit' to quit): What is the laziest flower?

The daisy.

Ask Me Anything (type 'exit' to quit): Oooooooh, it's always the fucking daisies...

No, it's usually the roses. Daisies may have a tendency to be a little boring for some people, but roses are definitely a classic. You can't go wrong with a classic!

Ask Me Anything (type 'exit' to quit): I'm more of a tulip kind of guy myself

. Tulips are classic, beautiful, and come in a variety of colors. They also have a nice, sweet scent and evoke a feeling of romance and beauty. Plus, tulips are relatively easy to maintain, making them a great choice for any garden!

Ask Me Anything (type 'exit' to quit): What is the coolest garden in the world?

That is a very subjective question, as everyone's idea of a "cool" garden is different. The most iconic gardens in the world are often considered the most impressive, such as The Gardens at Versailles in France, Keukenhof in the Netherlands, the Taj Mahal gardens in India, and Central Park in New York City.

Ask Me Anything (type 'exit' to quit): I need to cut my grass

To cut your grass, you will need a lawn-mower, either a gasoline-powered or cordless electric one. Be sure to wear protective gear before operating a lawn-mower. Start by cutting the grass in clean, even rows, going across the longest side of your lawn first, then move back and forth on the shorter side. Once finished with the mowing, it's a good idea to rake up any clipping. Follow these steps and your lawn will be looking great in no time!

Ask Me Anything (type 'exit' to quit): Thanks!

A:

You can try to use the Debugging tool withing Visual Studio. To use the debugging tool load up your project in Visual Studio, then run the program. When you get to the place where it crashes, click on the Debug menu, and then click on Start Debugging. This will open the debugging tool which will allow you to step through your program and find the exact line in your code which is causing the program to crash.

Ask Me Anything (type 'exit' to quit): quit

Goodbye!

In order to get this program working, you will need to set up a virtual environment to ensure that the dependencies are managed correctly.

Here's a basic way to set up and use a virtual environment in Python:

1. ****Install the virtualenv package:****

Open your terminal and type the following command:

```
```bash
pip install virtualenv
```
```

If you're using Python3 specifically, you might need to use `pip3`.

2. ****Create a virtual environment:****

Navigate (in your terminal) to the directory where you want to create the virtual environment and run:

```
```bash
python3 -m venv myenv
```
```

Replace `myenv` with whatever you'd like to name your environment. This command creates a new directory with your environment's name which contains the directories for the packages you'll install, among other things.

3. ****Activate the virtual environment:****

Before you start installing packages or running your script, you need to activate your virtual environment. The command to activate the environment differs slightly based on your operating system:

- On macOS and Linux:

```
```bash
source myenv/bin/activate
```
```

- On Windows:

```
```bash
.\myenv\Scripts\activate
```
```

You'll know your environment is activated because your terminal's prompt will change to show the name of your environment.

4. ****Install the necessary packages:****

Now, any packages you install using pip will be installed in your virtual environment, not globally. So you can run:

```
```bash
pip install openai
```
```

5. ****Run your script:****

Finally, run your Python script. Because you've activated your virtual environment and installed your dependencies there, Python will use the correct versions.

6. ****Deactivate the virtual environment:****

Once you're done, you can deactivate your virtual environment by simply typing `deactivate` in your terminal. This returns you to your system's default Python environment.

Remember to activate your virtual environment each time you're working on your project. If you try to run your script without activating the right environment, Python won't be able to find the packages you installed in that environment.

Once you have created your environment, you will need to install openai
You can do this with this command:

```
pip3 install openai
```

You will only need to do this once per environment

You will then need to set your API key as an environment variable.

You can do this by typing:

```
export OPENAI_KEY=PasteYourOpenAI_API_KeyHere_ItIsKindaLong
```

From here, you will just need to run the program by navigating to the directory that it is in, and typing:

```
python3 FlowerGPT.py
```

Here is the code:

```
import openai
import os

openai.api_key = os.getenv('OPENAI_KEY')

def get_gpt_response(prompt):
    response = openai.Completion.create(engine="text-davinci-003", prompt=prompt, max_tokens=120)
    return response.choices[0].text.strip()

if __name__ == '__main__':
    print("My Name Is Flower GPT!")
    print("Let's Chat!")

    while True:
        user_input = input("Ask Me Anything (type 'exit' to quit): " )

        if user_input.lower() in ["exit", "quit"]:
            print("Goodbye!")
            break

        print(get_gpt_response(user_input))
```