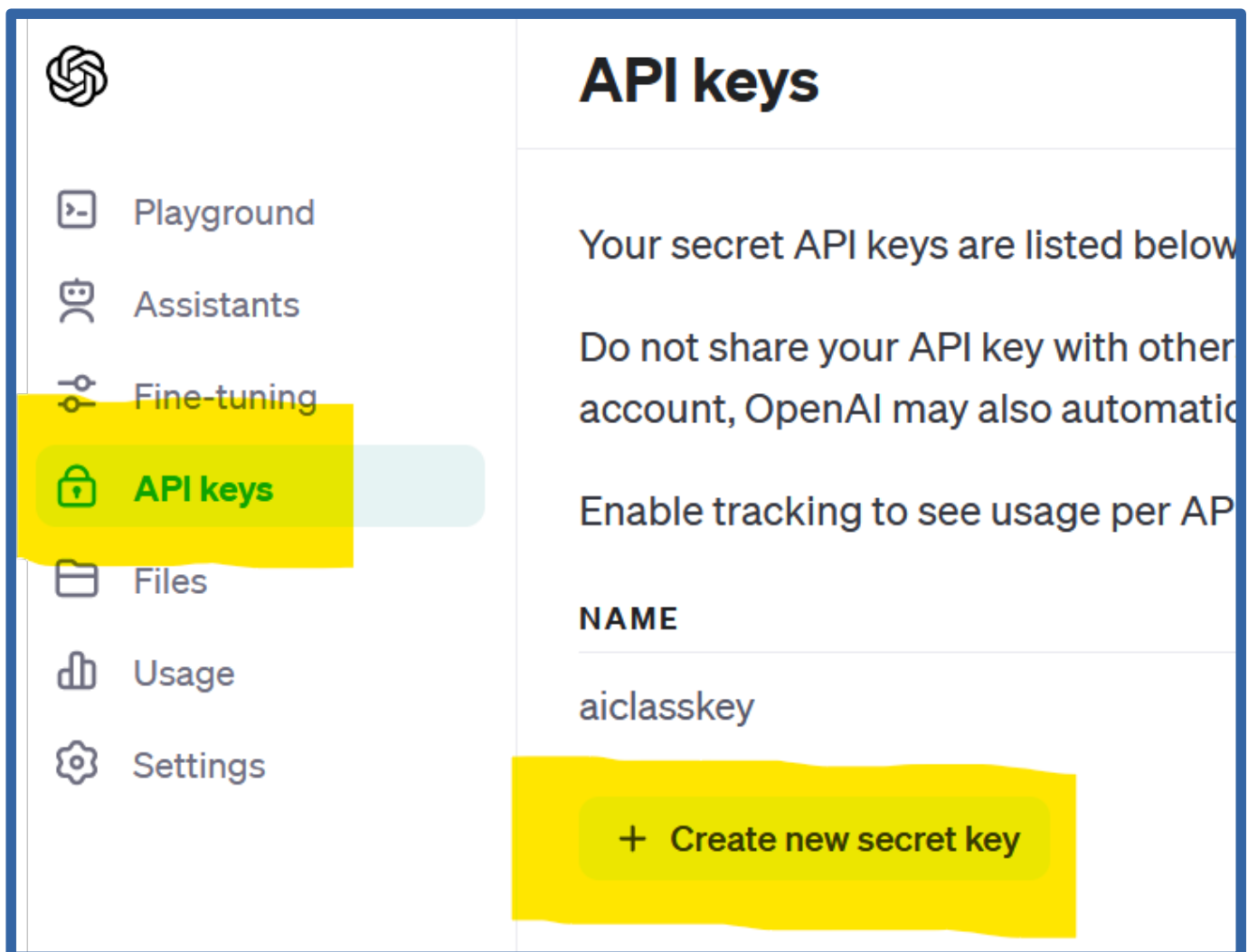# Interact with ChatGPT Using Python

Get OpenAI API key:

Go to platform.openai.com and login:

Click on lock symbol "API Keys > Create OpenAI API key:

Copy API key to text file and save:

Save your key

Please save this secret key somewhere safe and accessible. For security reasons, **you won't be able to view it again** through your OpenAI account. If you lose this secret key, you'll need to generate a new one.

ZsdPh2ZWO2siTpcT3BlbkFJXw96Z1ogYsj45wbzJgAP   📋 Copy
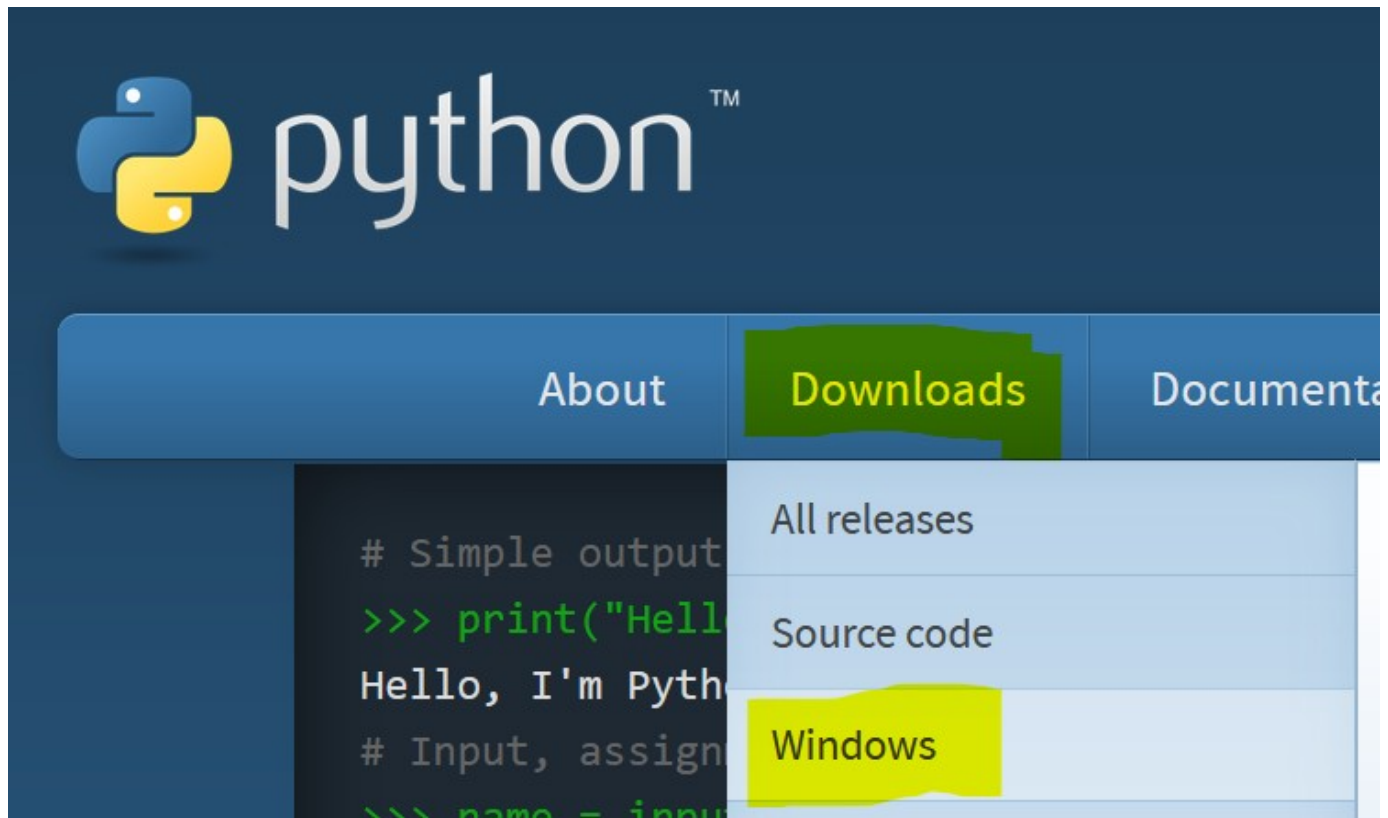
Permissions

Read and write API resources

Click on "Usage" > Purchase $5 worth of compute time:

Usage

Cost | Activity

< February >   Export

Monthly Spend $0.02

$0.02

$0.015

$0.01

$0.005

$0

Credit Grants USD

■ Used ■ Expired

$0.03 / $23.00

AVAILABLE FROM	STATE	BALANCE	EXPIRATION DATE
Feb 05, 2024	Available	$4.97 / $5.00	Feb 28, 2025
Feb 12, 2023	Expired	$18.00 / $18.00	May 31, 2023

Playground
Assistants
Fine-tuning
API keys
Files
Usage
Settings

Install Python:
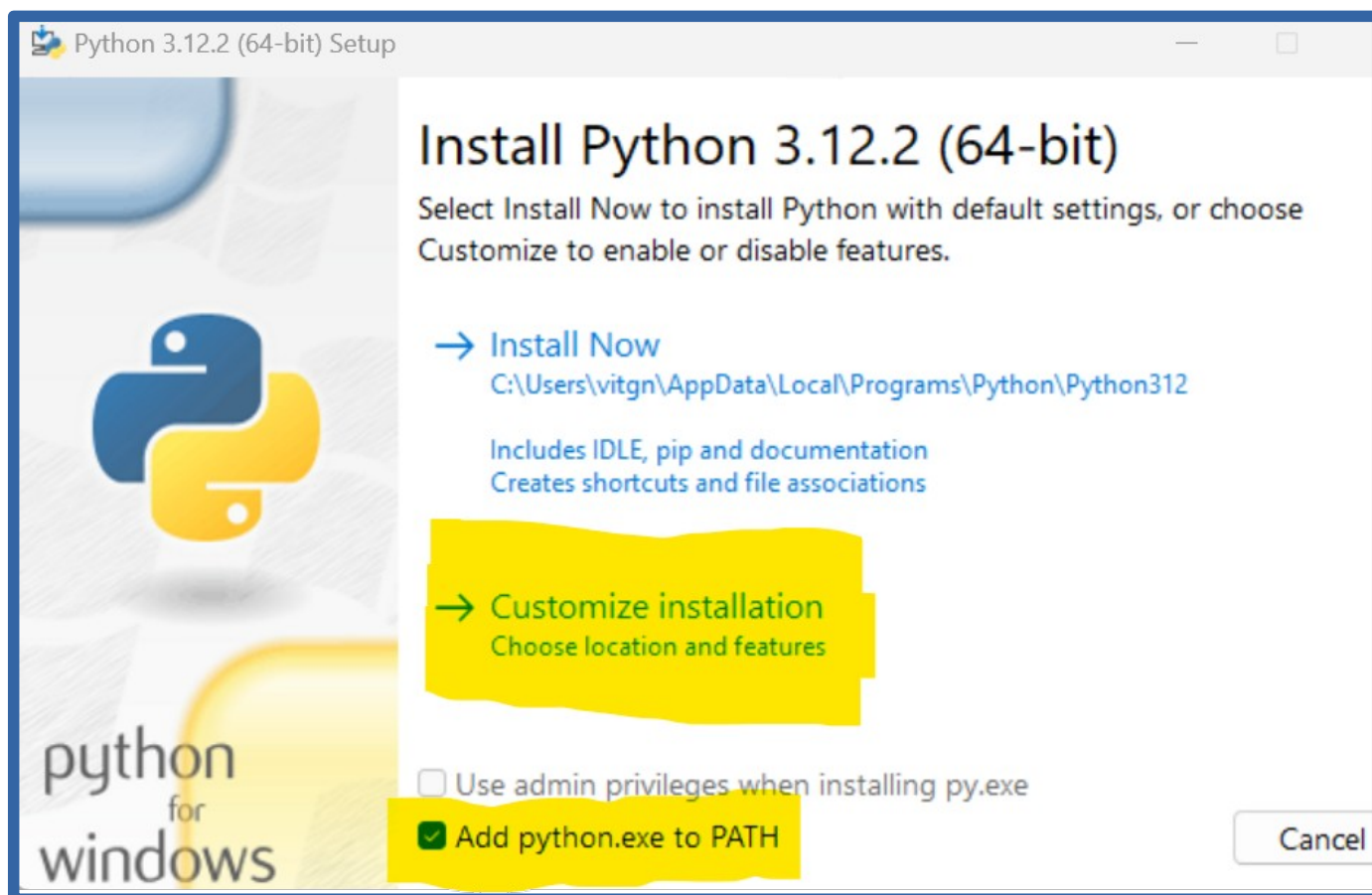 - Go to Python.org
 - Downloads > Windows > Latest Python 3 Release - Python 3.12.2 > Scroll down > Windows installer (64 bit) > Download
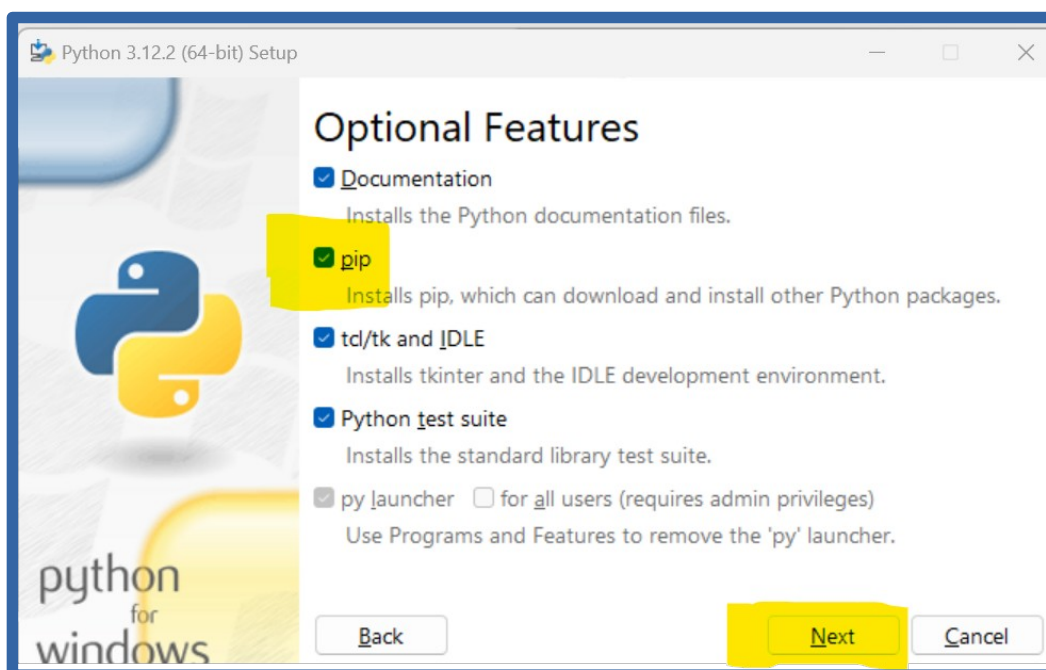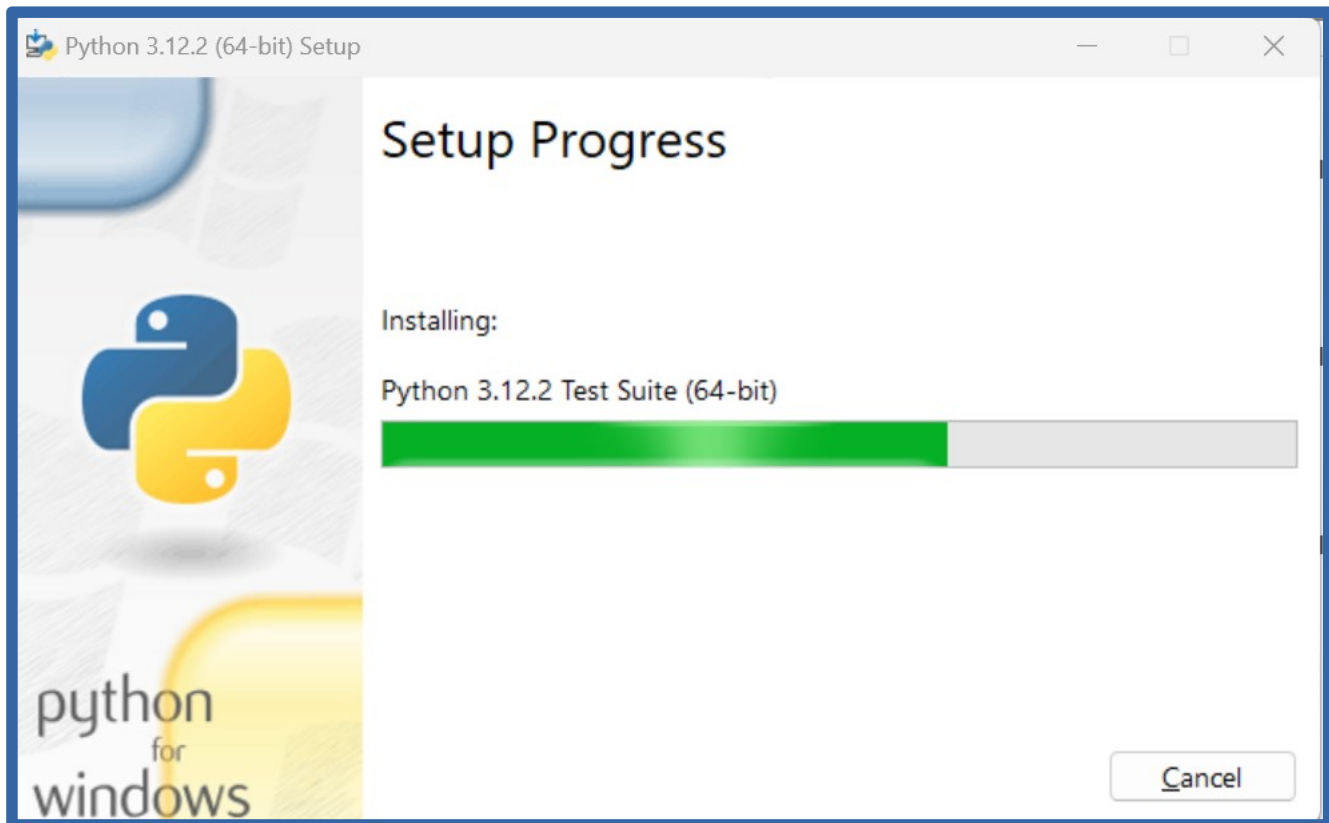
- Double click on Python executable to start Python installation
- Check "Add python.exe to PATH"
- Customize Installation

Optional Features > check "pip" > Next

- Advanced Options > check "Add Python to environment variables"
- Install
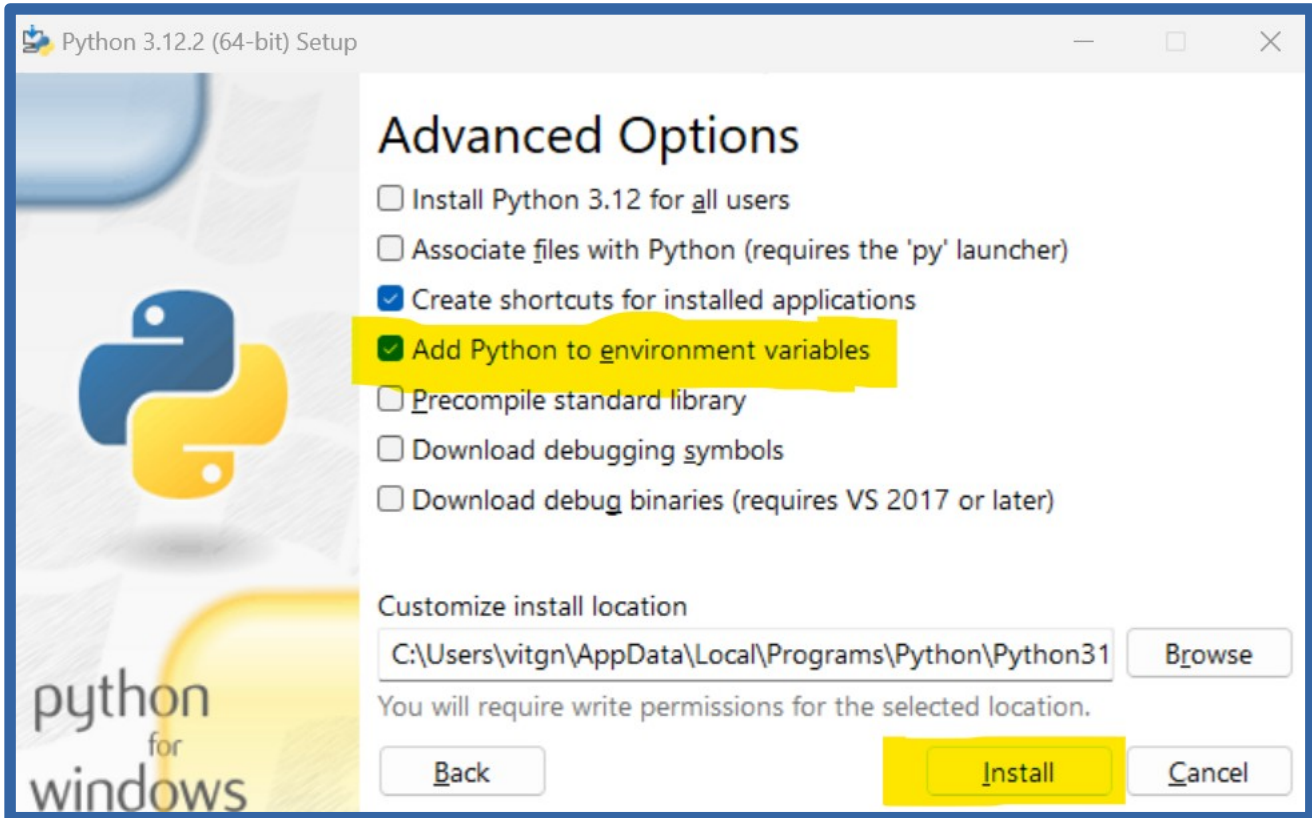
Post install:
 - Open Powershell prompt

 - Type in command: pip install openai
 - Hit "Enter" key

- Type the command: pip install -U python-dotenv
- Hit "Enter" key

- Type the command: pip install openai==0.28
- Hit "Enter" key

- Open IDLE, the Python Integrated Development Environment
- File > New File
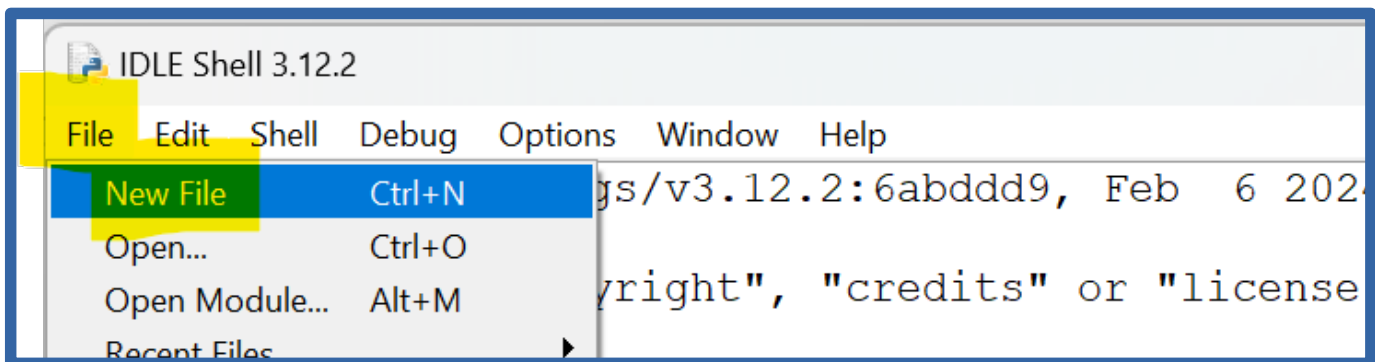
Copy and paste the following code into the file:
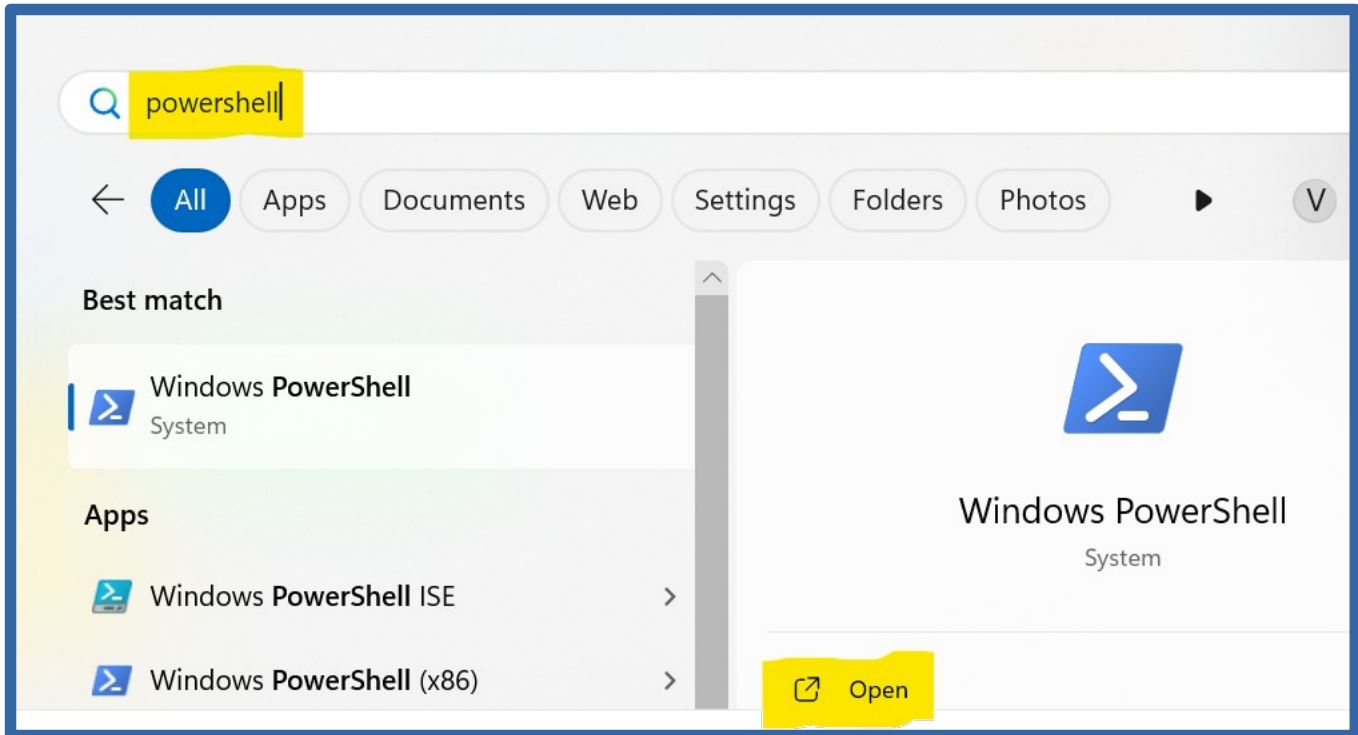
```python
import openai
import os

from dotenv import load_dotenv, find_dotenv
_ = load_dotenv(find_dotenv())

os.environ['OPENAI_API_KEY'] = "PUT IN YOUR
INDIVIDUAL API KEY THAT BEGINS WITH SK-"

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

print ("My OpenAI API key is: ", openai.api_key)
```
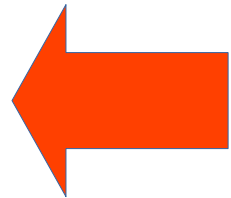
- NOTE: be sure to replace your API key where the red arrow is
- Save the file with a .py extension
- Goto Run > Run Module

- Cut and paste each section of code from Colab
- Save and run after each section is pasted to make sure there are no errors

```
= RESTART: C:/Users/vitgn/OneDrive/Documents/ai-class/TestOpenAi.py
My OpenAI API key is:  sk
This review praises the panda plush toy for being soft, cute, and having a frien
dly face. However, the reviewer feels it is small for the price and suggests the
re may be larger options available. The toy arrived earlier than expected.
The customer is happy with the product but mentions that it is smaller than expe
cted. They also mention that the shipping was faster than expected.
The reviewer loves the panda plush toy for its softness and cuteness, but feels
it is overpriced compared to other options.
The relevant information for the Shipping department is: "It arrived a day earli
er than expected."
0 Soft and cute panda plush toy loved by daughter, but small for the price. Arri
ved early.

1 Great lamp with storage, fast delivery, excellent customer service, and easy a
ssembly. Highly recommended.

2 Impressive battery life, but toothbrush head is too small. Good deal if bought
 around $50.

3 The reviewer found the price increase after the sale disappointing and noticed
 a decrease in quality over time.
```