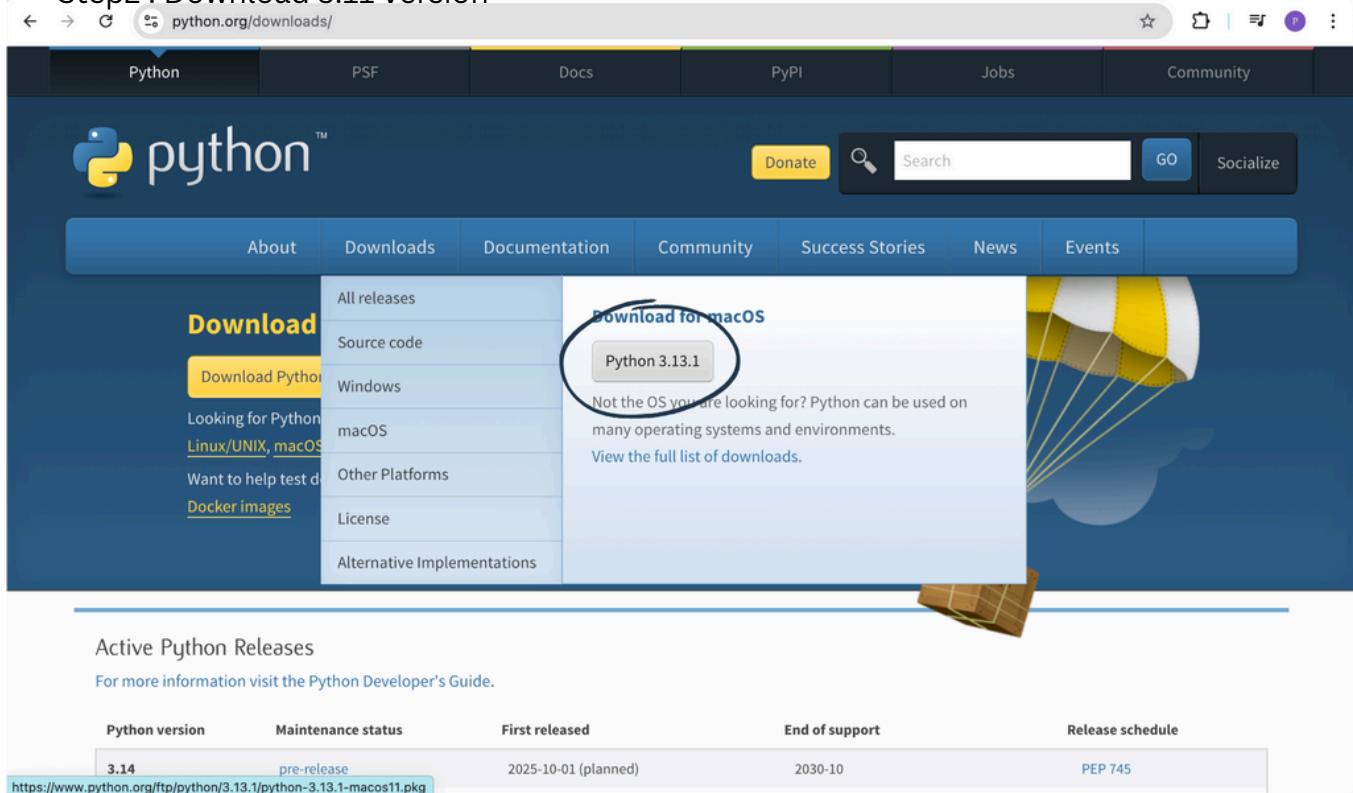


## Part 1: Python Installation- <https://www.python.org/downloads/>

- Step1 : Download Python
- Step2 : Download 3.11 version



The screenshot shows the Python.org website's download section. A large callout box highlights the "Download for macOS" button for Python 3.13.1, which is circled in red. Below the button, text states: "Not the OS you are looking for? Python can be used on many operating systems and environments. View the full list of downloads." To the right of the main content area, there is a graphic of a yellow and white striped parachute.

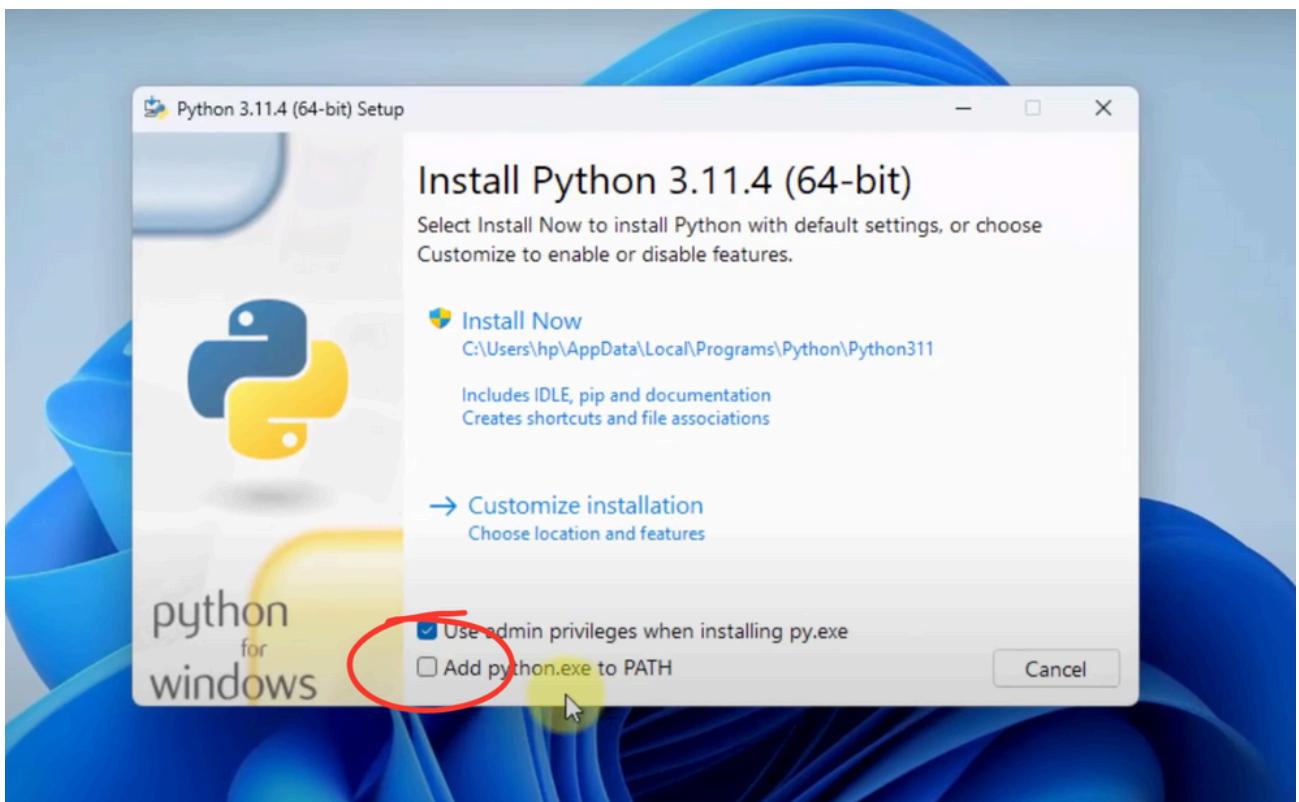
Active Python Releases

For more information visit the Python Developer's Guide.

Python version	Maintenance status	First released	End of support	Release schedule
3.14	pre-release	2025-10-01 (planned)	2030-10	PEP 745

<https://www.python.org/ftp/python/3.13.1/python-3.13.1-macos11.pkg>

- Step 3 - Start with installation click on downloaded file .
  - During Installation make sure to tick the “ADD TO PATH” box.



- Step 4 - Check if it is Installed or not (Path is configured or not)
  - Open Terminal
  - Type “python --version”. (for mac - python3 --version)
  - For mac see the below output

```
prathamtomar@Prathams-MacBook-Air ~ % python3 --version
Python 3.11.7

.pravprathamtomar@Prathams-MacBook-Air email_gen_ai_advance % python --version
Python 3.13.0
```

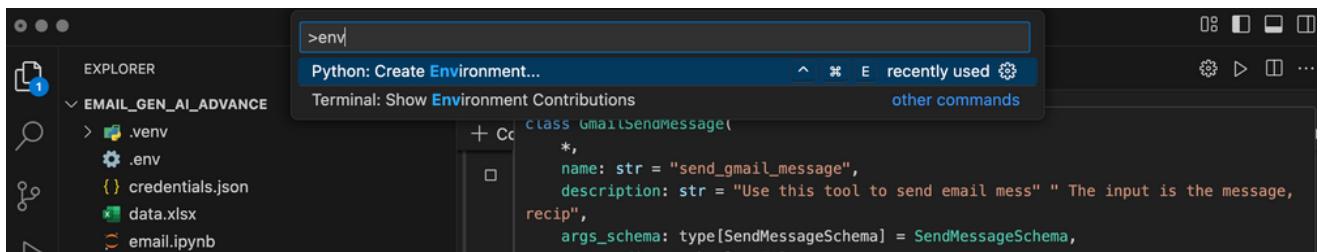
Output ↗ ↙

## Part 2: setup VS CODE is not installed -

<https://code.visualstudio.com/download>

## Part 3: Virtual Environment in VS CODE-

- on VS CODE click ( Control + Shift +P) or (Command+shift+P) for mac
- type env



- Python: Create Environment...
- then select **Venv**
- then select Python Version
- A file will be created with name (.venv) in the current directory
- Remember: Perform Part 3 in a directory (i.e open a folder from VS CODE).

## : Note -

Part 3 will also be conducted on Day 5; however, it is strongly recommended to complete all pre-requisites beforehand.