Running Python on your system :-
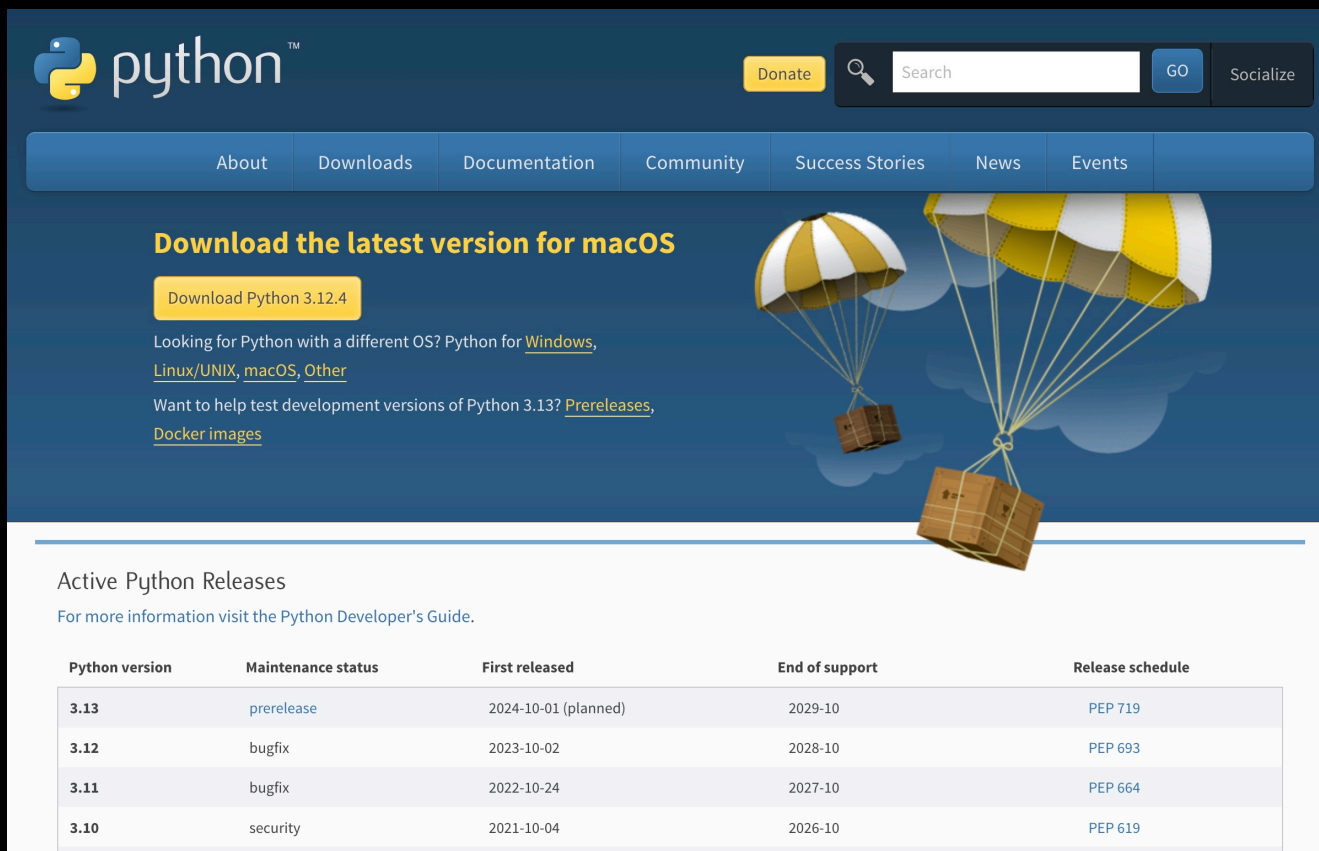
1. Installing Python from official Website

2. Installing Anaconda

Installing Python from official Website :

www.python.org/Downloads

python™

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Download the latest version for macOS

Download Python 3.12.4

Looking for Python with a different OS? Python for Windows, Linux/UNIX, macOS, Other

Want to help test development versions of Python 3.13? Prereleases, Docker images

Active Python Releases

For more information visit the Python Developer's Guide.

Python version	Maintenance status	First released	End of support	Release schedule
3.13	prerelease	2024-10-01 (planned)	2029-10	PEP 719
3.12	bugfix	2023-10-02	2028-10	PEP 693
3.11	bugfix	2022-10-24	2027-10	PEP 664
3.10	security	2021-10-04	2026-10	PEP 619

Running Python after Installing

1. terminal

2. File from terminal

3. IDLE ⇒ Python IDE

Though all above can run Python, we are gonna run and learn Python by using Jupyter Lab.

Installing Anaconda

Anaconda for Python is like a premix which have all the Ingredient we would require to run Python.

www.anaconda.com / download

Download Now

For installation assistance, refer to Troubleshooting.

Download Distribution by choosing the proper installer for your machine.

 Download for Mac ⌄

Anaconda Installers

Windows	Mac	Linux
Python 3.11	**Python 3.11**	**Python 3.11**
⤓ 64-Bit Graphical Installer (904.4M)	⤓ 64-Bit (Apple silicon) Graphical Installer (697.4M)	⤓ 64-Bit (x86) Installer (997.2M)
	⤓ 64-Bit (Apple silicon) Command Line Installer (700 M)	⤓ 64-Bit (AWS Graviton2 / ARM64) Installer (798.5M)
	⤓ 64-Bit (Intel chip) Graphical Installer (728.7M)	⤓ 64-bit (Linux on IBM Z & LinuxONE) Installer (91.8M)
	⤓ 64-Bit (Intel chip) Command Line Installer (731.2M)	

Jupyter Lab

Google Colab

If your laptop /PC is very slow, you can also run the code on Google colab.

⇓

In simple terms, think of it as Jupyter lab on cloud, provided by Google.