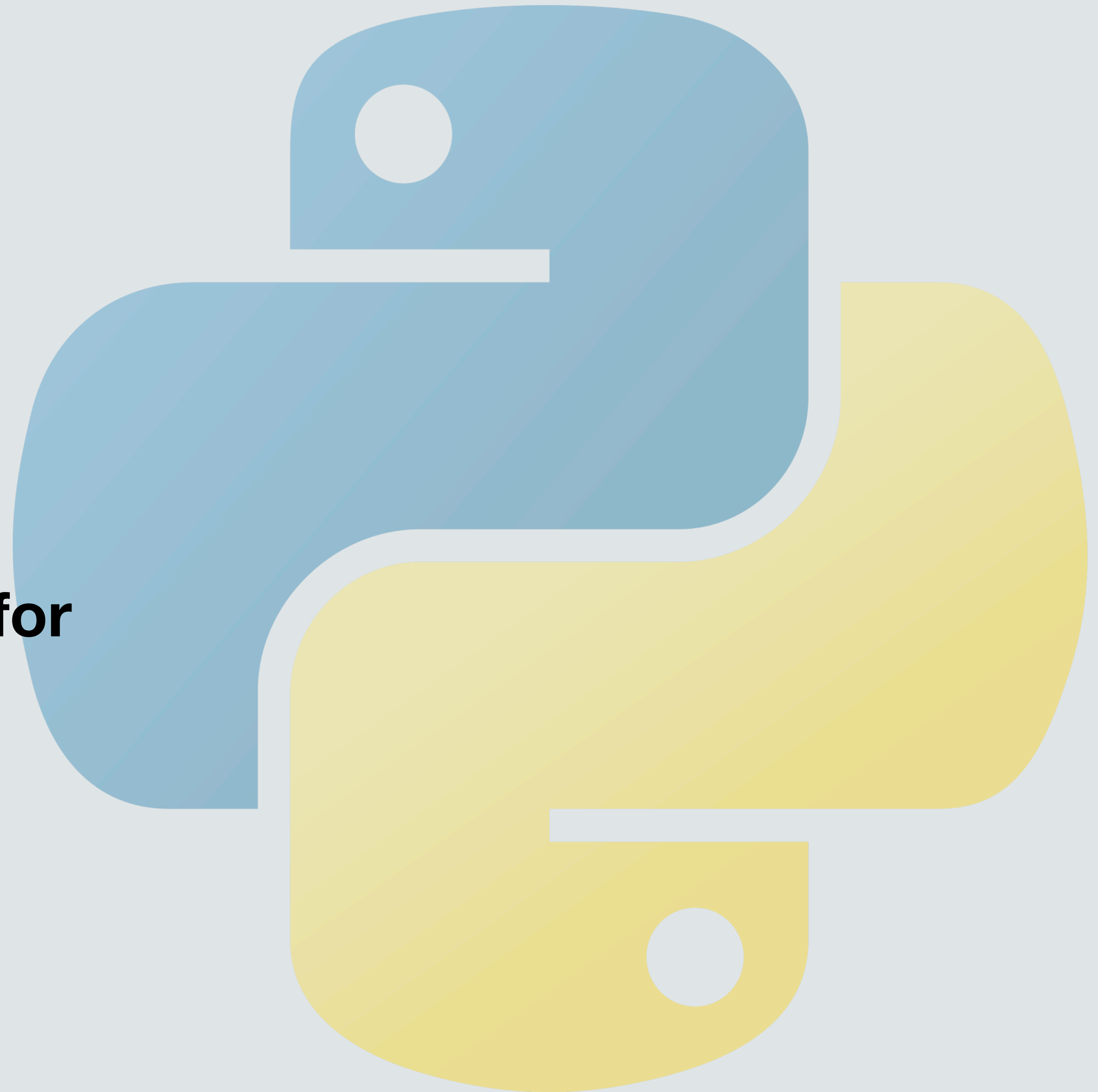


# How to Python

**A basic introduction to python for  
scientific applications**

**Pedro Alencar**



# What is Python?

- Python is a multi-purpose programming language





# What is Python?

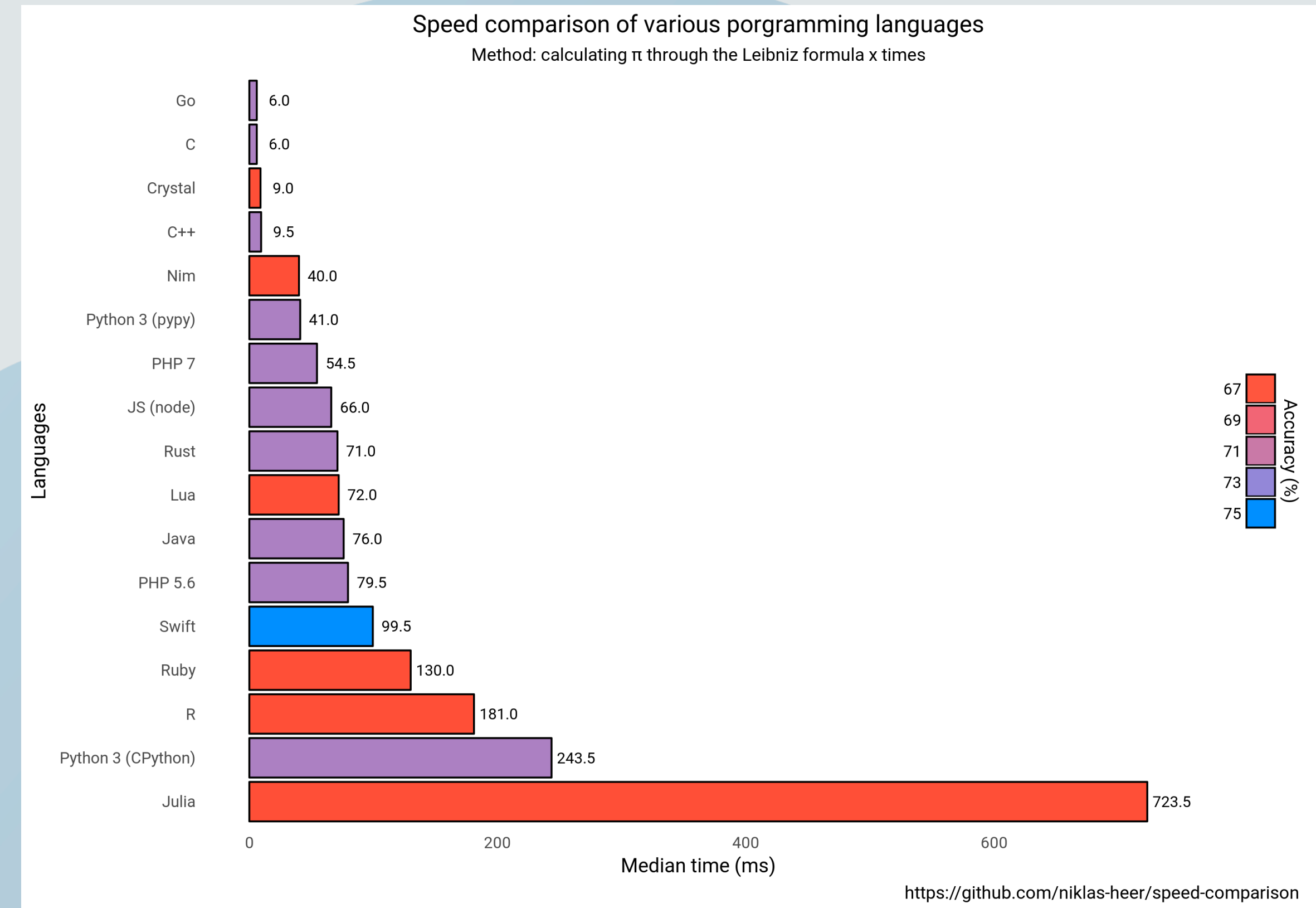
- Python is a multi-purpose programming language
- Not the snake!



<https://pypl.github.io/PYPL.html>

# What is Python?

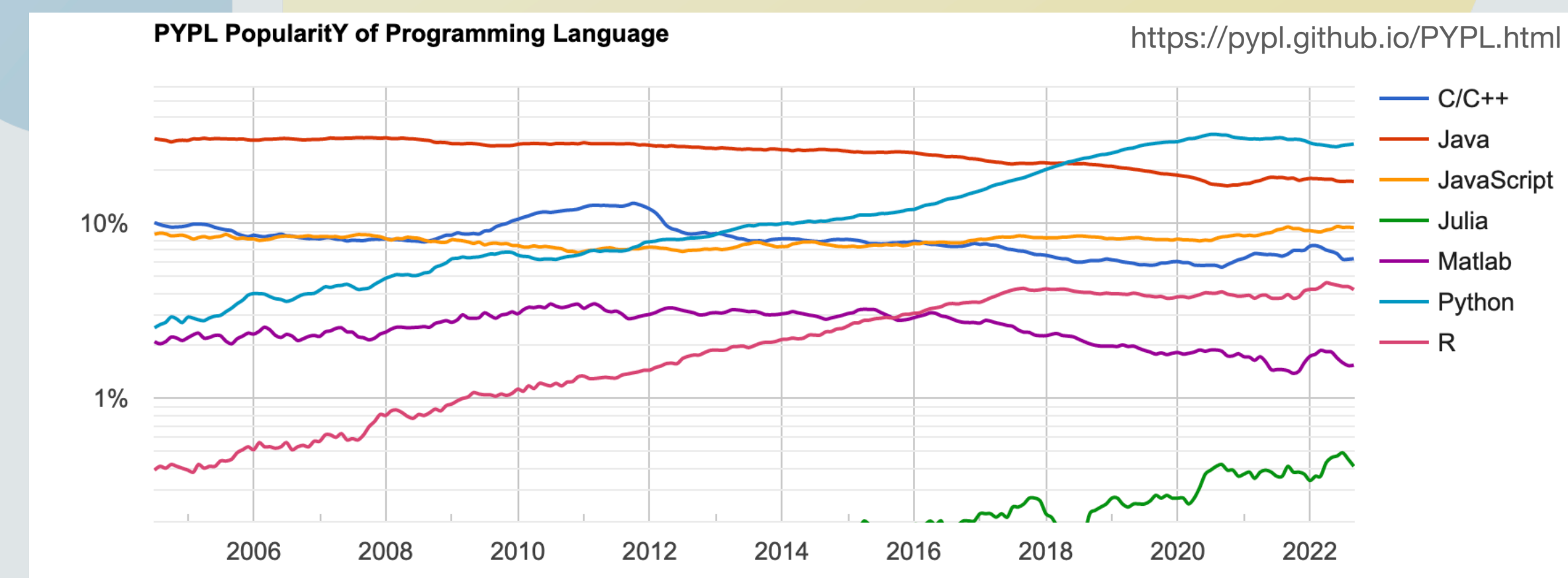
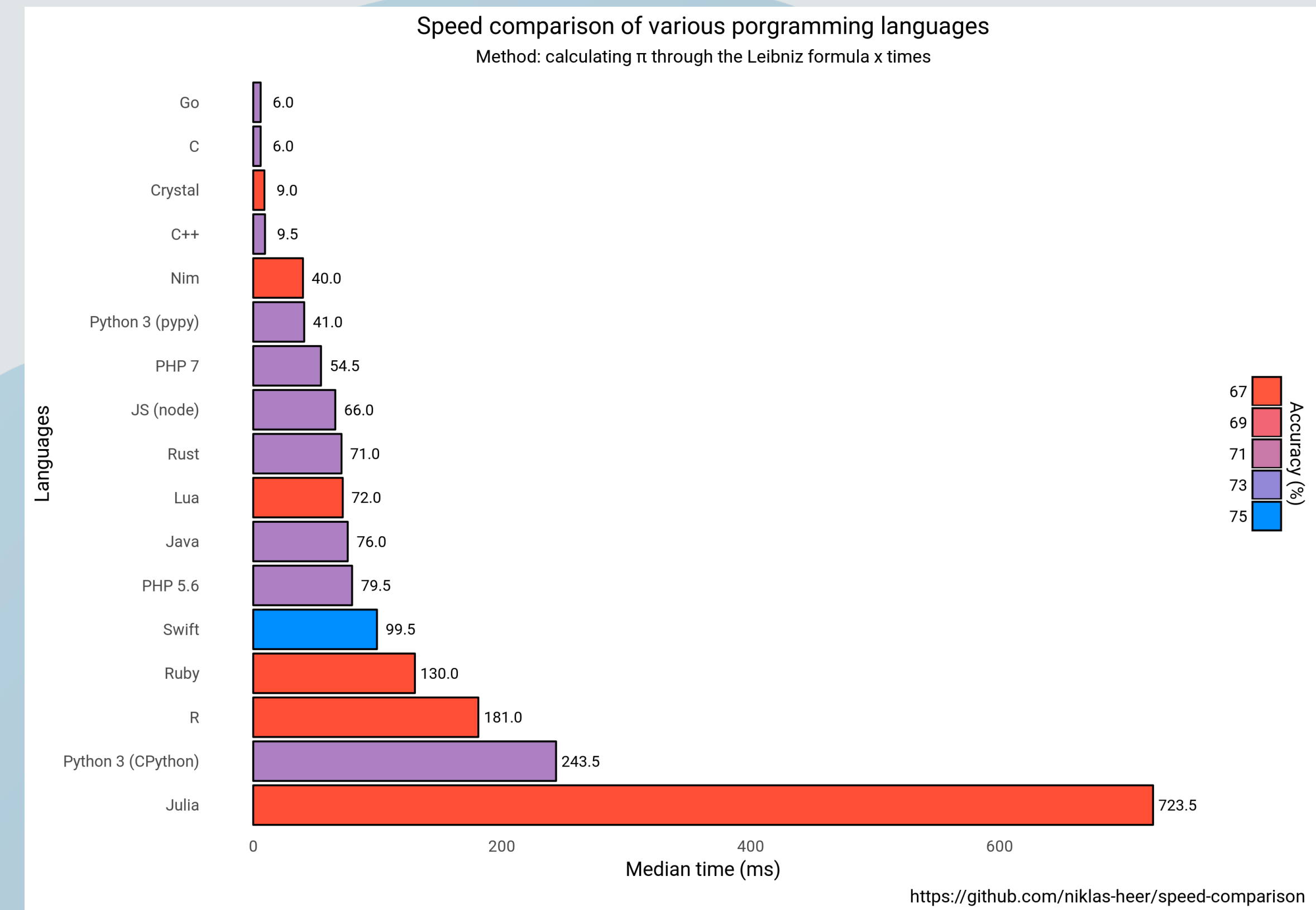
- Python is a multi-purpose programming language
- Not the snake!
- Not the fastest





# What is Python?

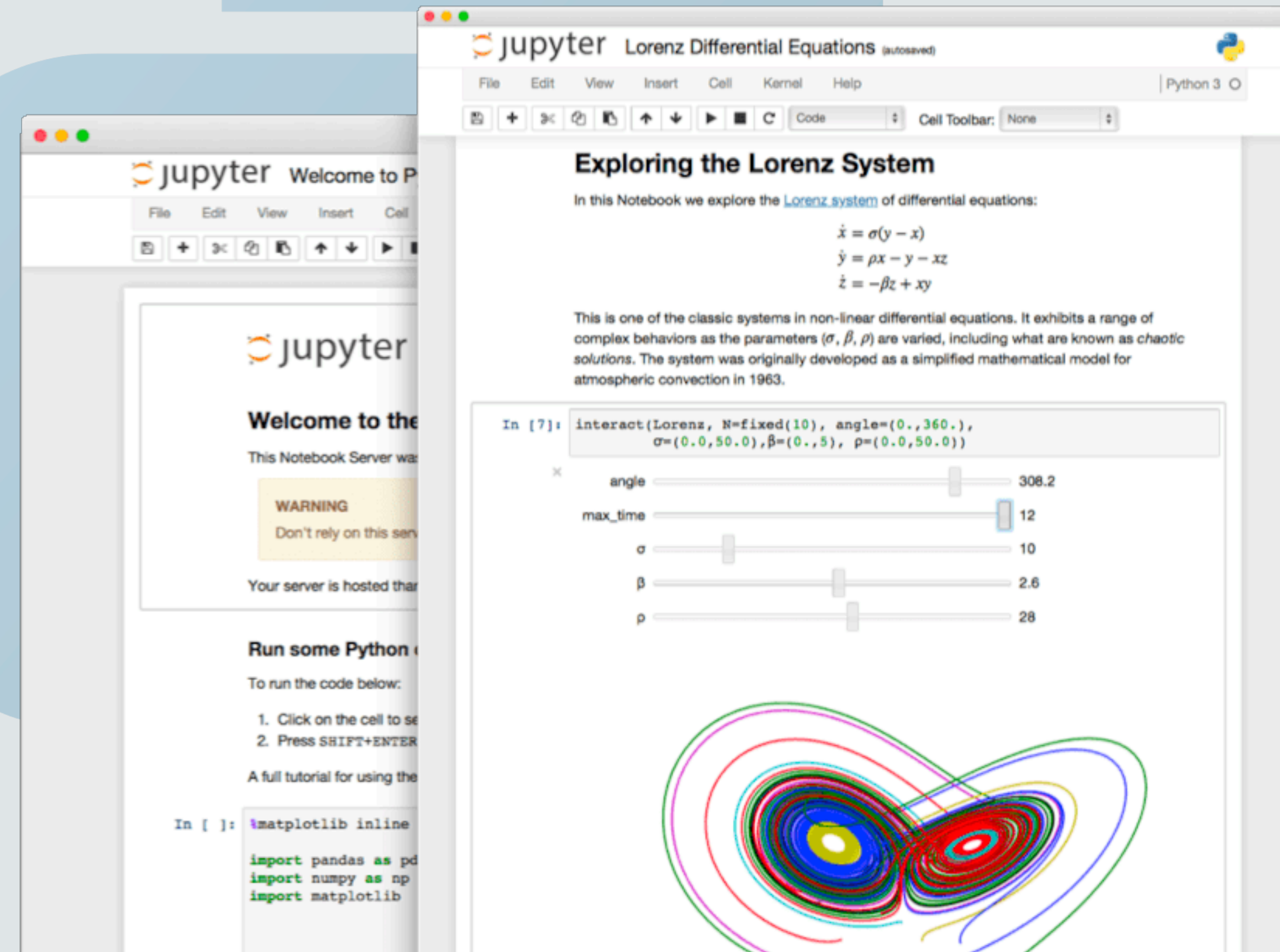
- Python is a multi-purpose programming language
- Not the snake!
- Not the fastest
- But the most popular
- <https://www.python.org/>



# Getting Python




- Use  ANACONDA®

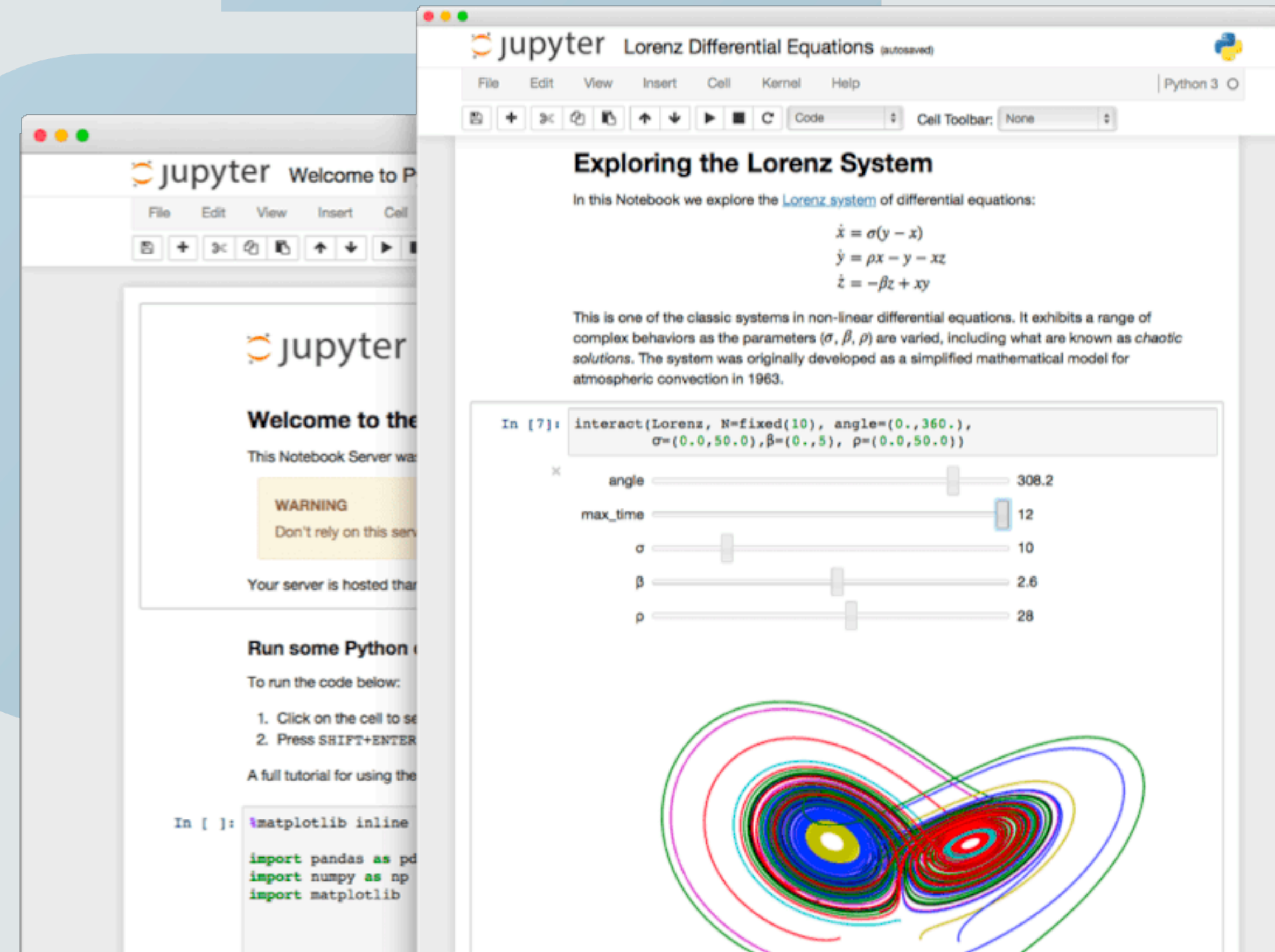
<https://www.anaconda.com/>



Source: [jupyter.org](http://jupyter.org)

# Getting Python

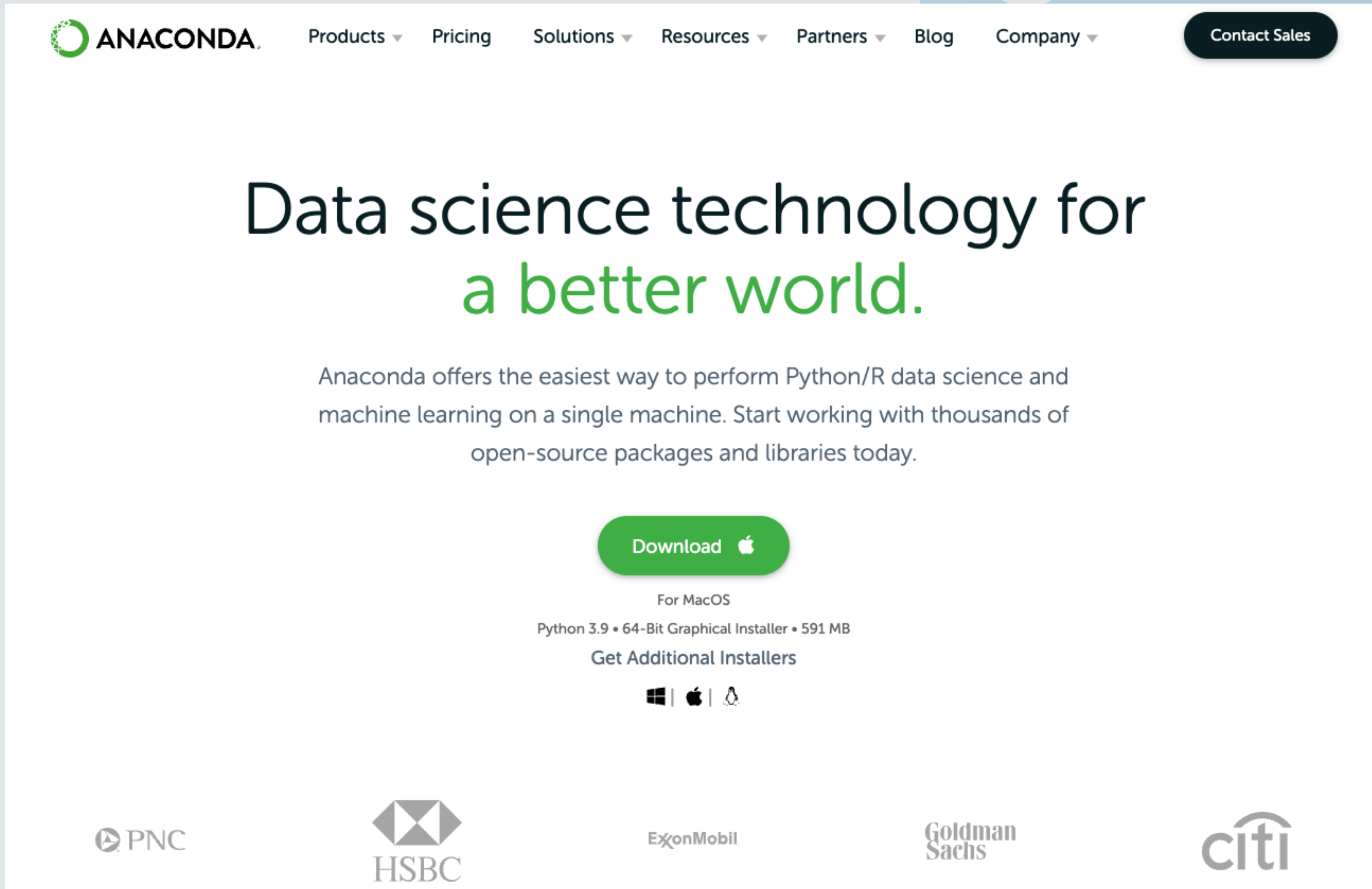
- Use  ANACONDA®  
<https://www.anaconda.com/>
- Simple and practical python distribution
  - Automatically install useful libraries
-  jupyter
-  spyder



Source: jupyter.org



# Getting Anaconda



The image shows a screenshot of the Anaconda website. At the top is a navigation bar with the Anaconda logo, links for Products, Pricing, Solutions, Resources, Partners, Blog, and Company, and a dark 'Contact Sales' button. The main heading reads 'Data science technology for a better world.' Below this is a paragraph about the ease of using Anaconda for Python/R data science and machine learning. A large green 'Download' button with an Apple logo is prominent, with text indicating it is for MacOS. Below the button, it specifies 'Python 3.9 • 64-Bit Graphical Installer • 591 MB' and provides a link to 'Get Additional Installers' with icons for Windows, Apple, and Linux. The footer features logos for PNC, HSBC, ExxonMobil, Goldman Sachs, and Citi.


ANACONDA

Products ▾ Pricing Solutions ▾ Resources ▾ Partners ▾ Blog Company ▾

Contact Sales

## Data science technology for a better world.




Anaconda offers the easiest way to perform Python/R data science and machine learning on a single machine. Start working with thousands of open-source packages and libraries today.

Download 

For MacOS

Python 3.9 • 64-Bit Graphical Installer • 591 MB

Get Additional Installers

 |  | 

PNC

HSBC

ExxonMobil

Goldman Sachs

citi

Source: [anaconda.com](https://anaconda.com)



# Getting the files

## GitHub repository

pedroalencar1 / IntroToPython

Public

Pin

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master

1 branch

0 tags

Go to file

Add file

Code

pedroalencar1

wofost notebook - v1

f6cf394 16 hours ago 2 commits

.ipynb_checkpoints	wofost notebook - v1	16 hours ago
Data_WOFOST	wofost notebook - v1	16 hours ago
.DS_Store	wofost notebook - v1	16 hours ago
IntroToPython.key	Initial commit	18 hours ago
Python Course 1.ipynb	Initial commit	18 hours ago
Python Course 2.ipynb	Initial commit	18 hours ago
Python Course 3.ipynb	wofost notebook - v1	16 hours ago
Soil_parameters.png	Initial commit	18 hours ago

Help people interested in this repository understand your project by adding a README.

Add a README

Scan this:



Or access:

<https://github.com/pedroalencar1/IntroToPython>

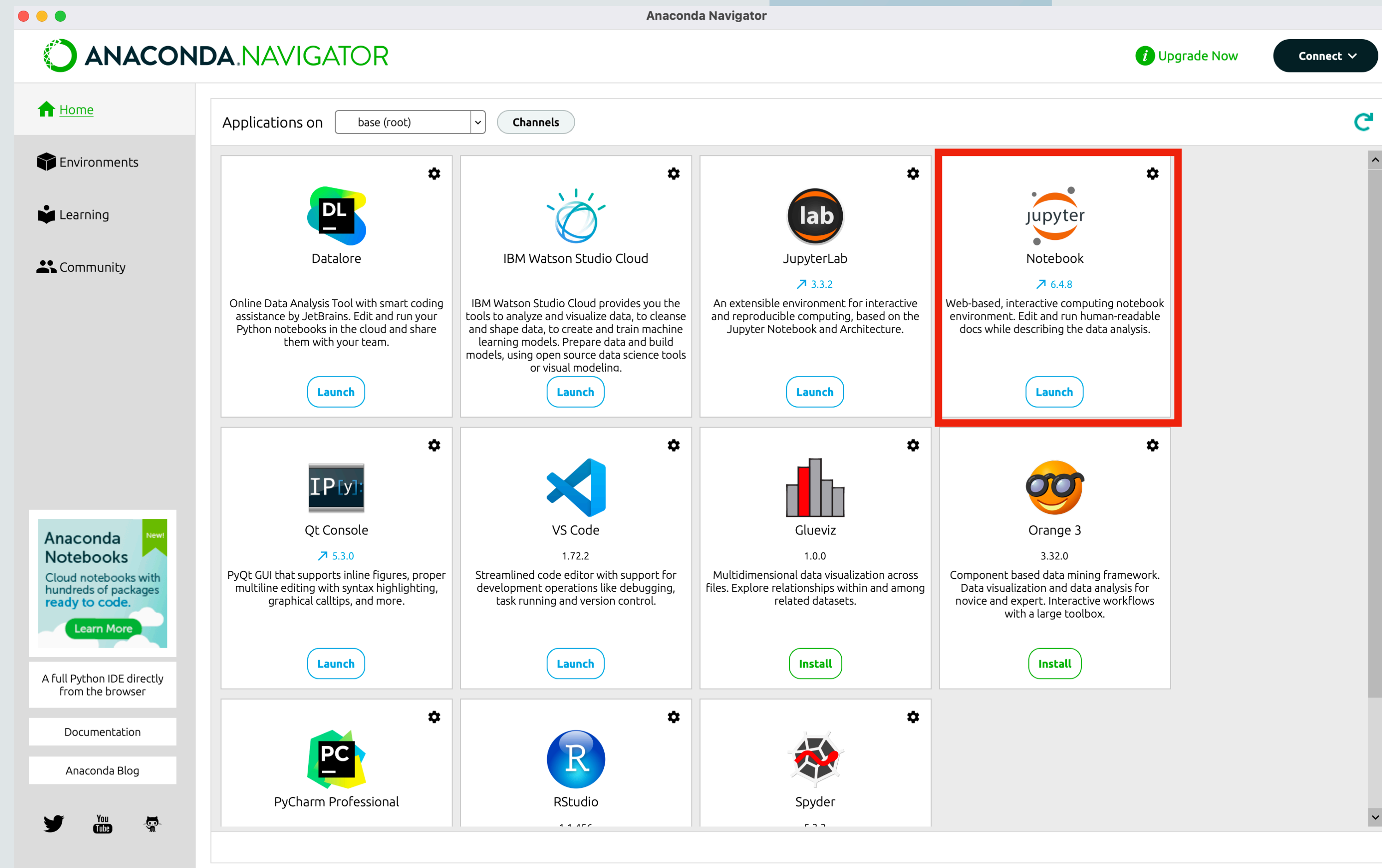
# Getting Started

**Now, let's go to Python**



# After installation

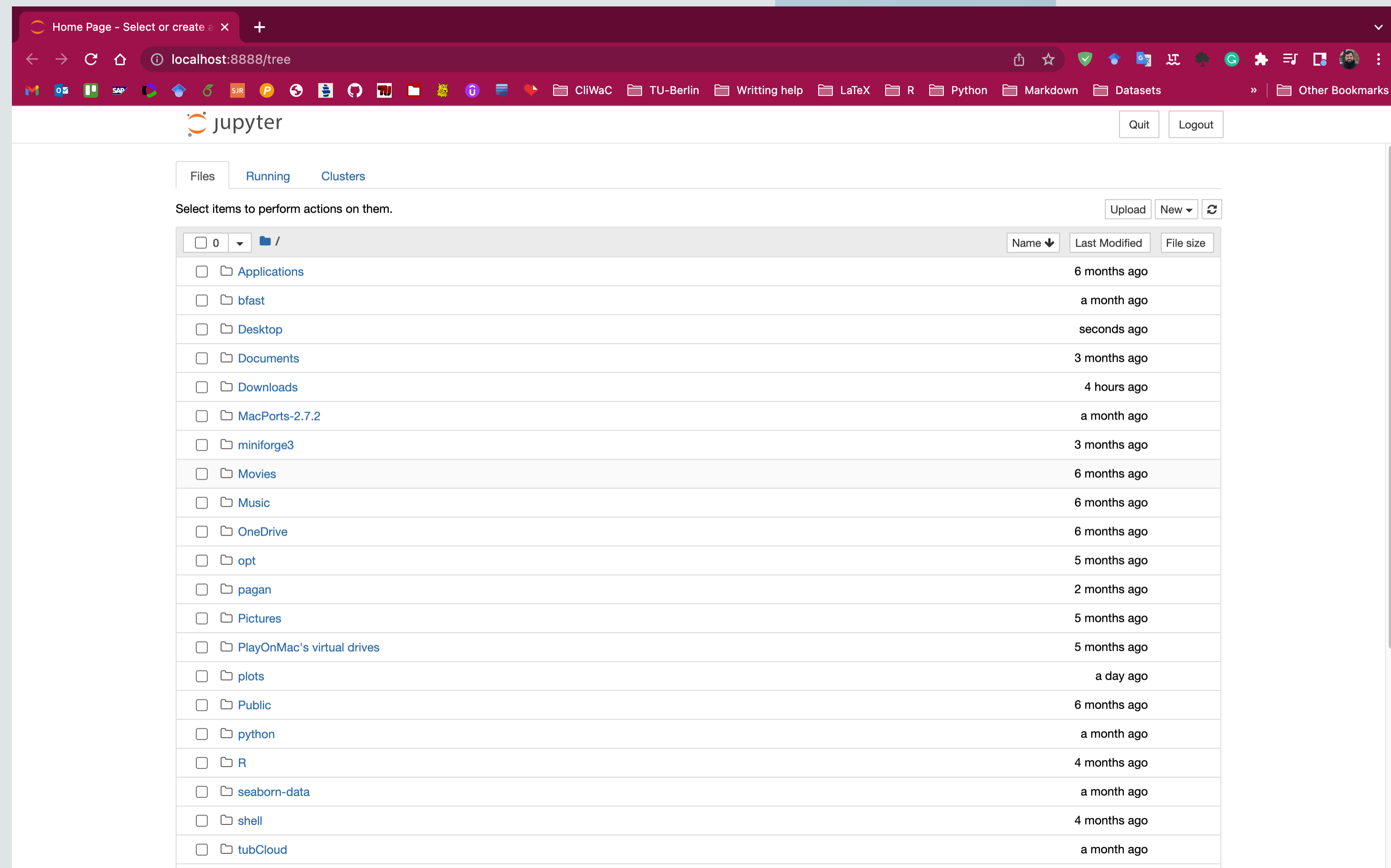
- Open Anaconda Navigator





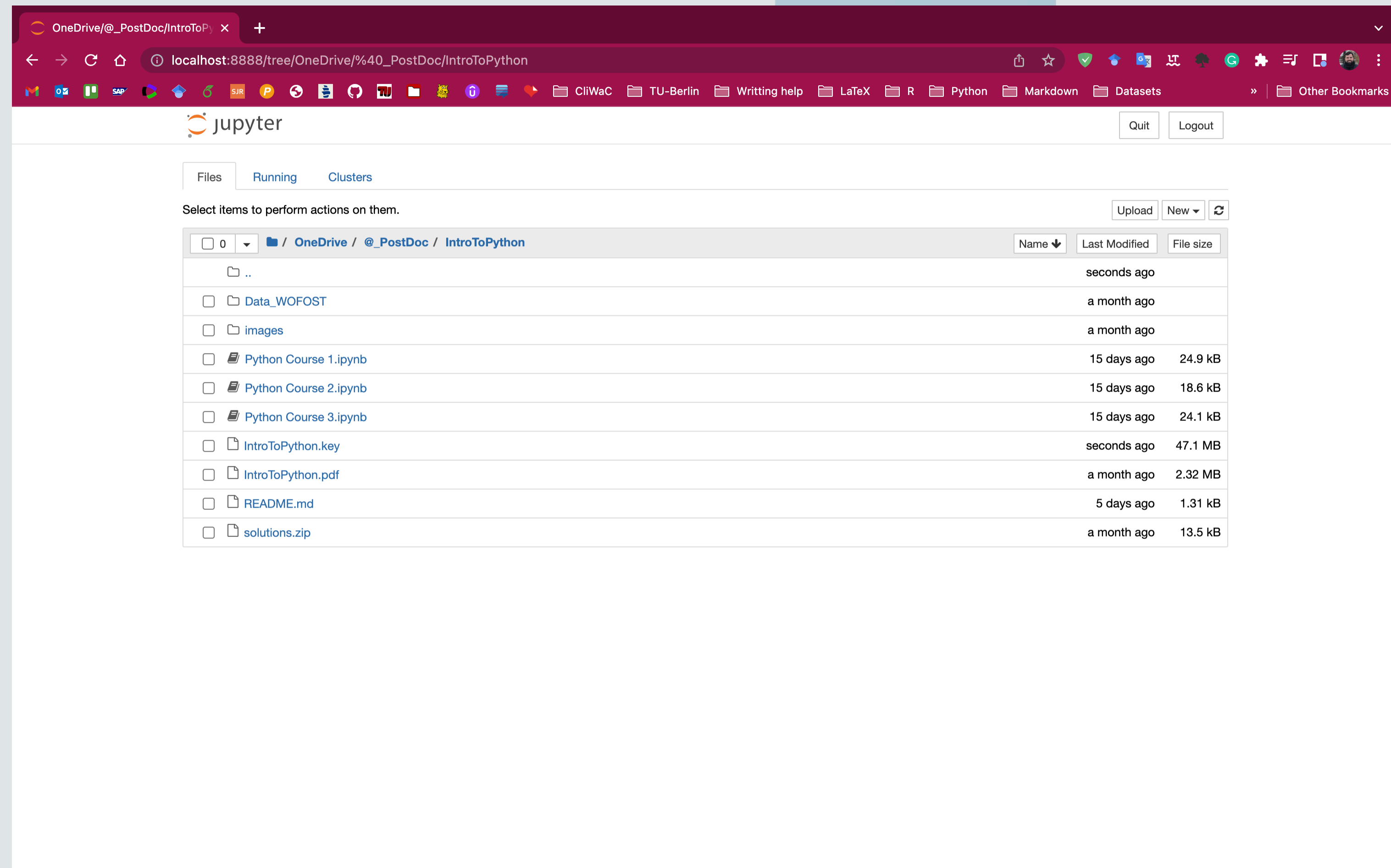
# After installation

- Open Anaconda Navigator
- It will automatically open a new tab on your default browser



# After installation

- Open Anaconda Navigator
- It will automatically open a new tab on your default browser
- Now navigate by clicking to the folder you downloaded



# After installation

- Open Anaconda Navigator
- It will automatically open a new tab on your default browser
- Now navigate by clicking to the folder you downloaded
- Click on:  
`Python Course 1.ipynb`

