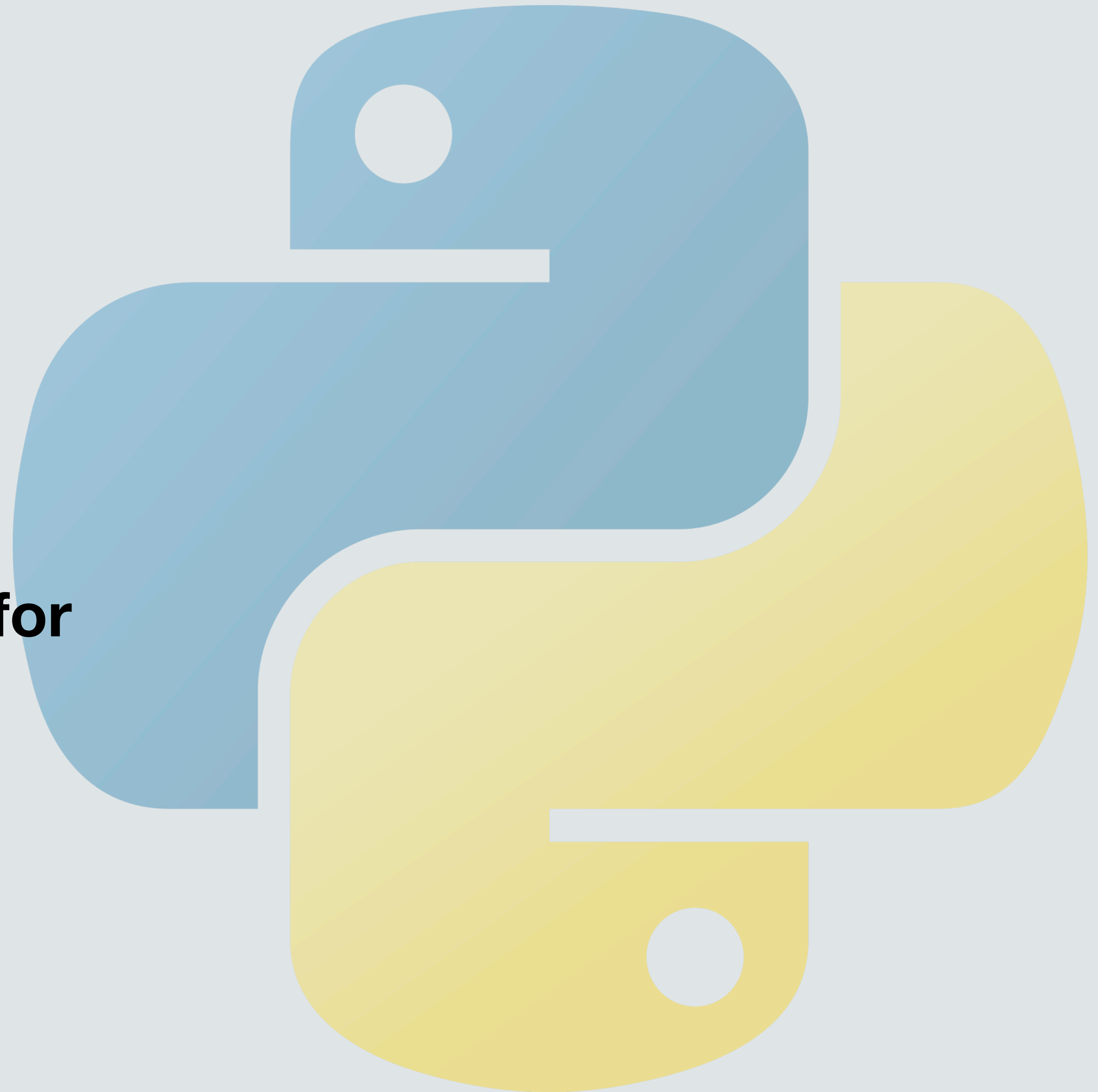


How to Python

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

Pedro Alencar



What is Python?

- Python is a multi-purpose programming language



What is Python?

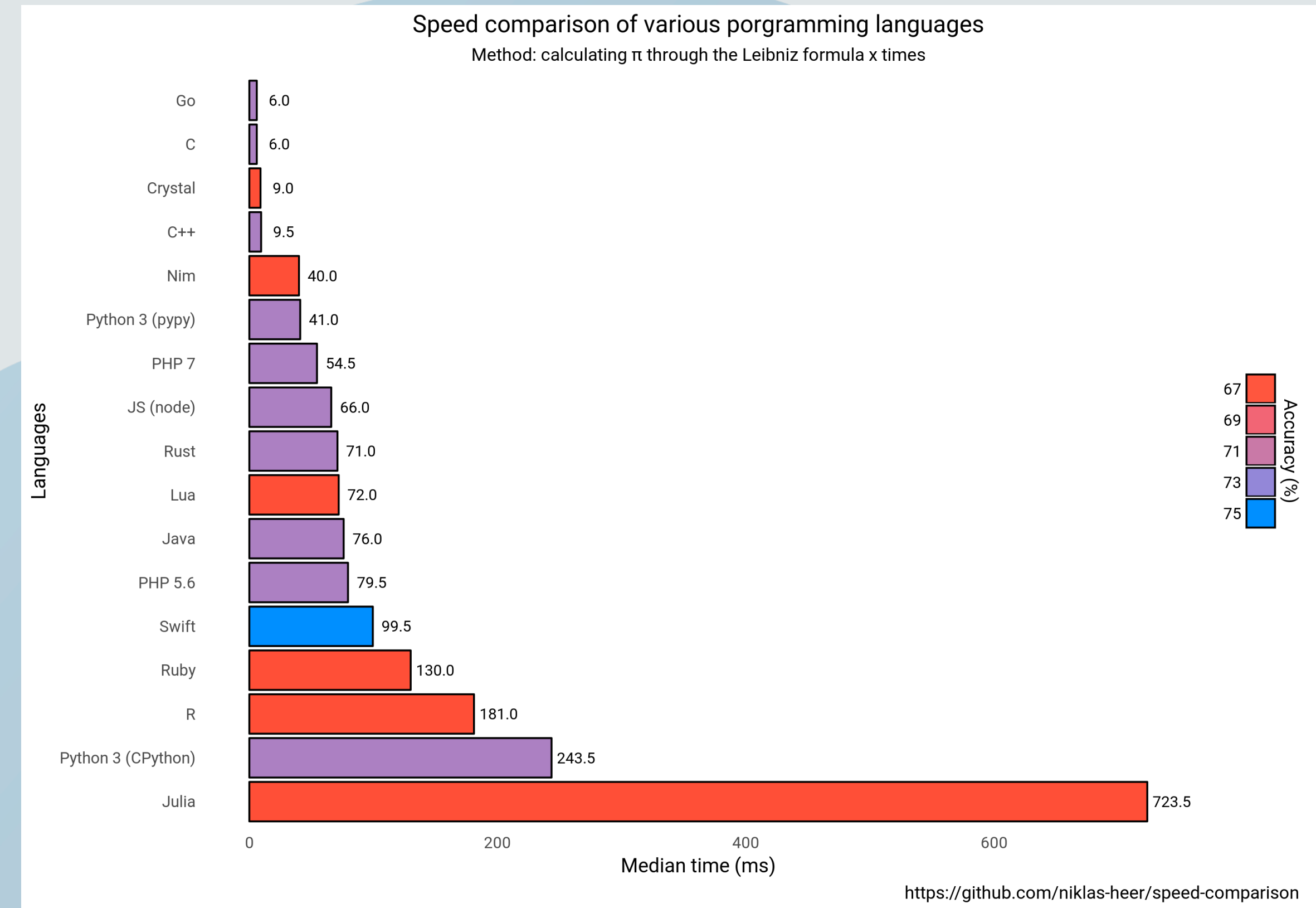
- Python is a multi-purpose programming language
- Not the snake!



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

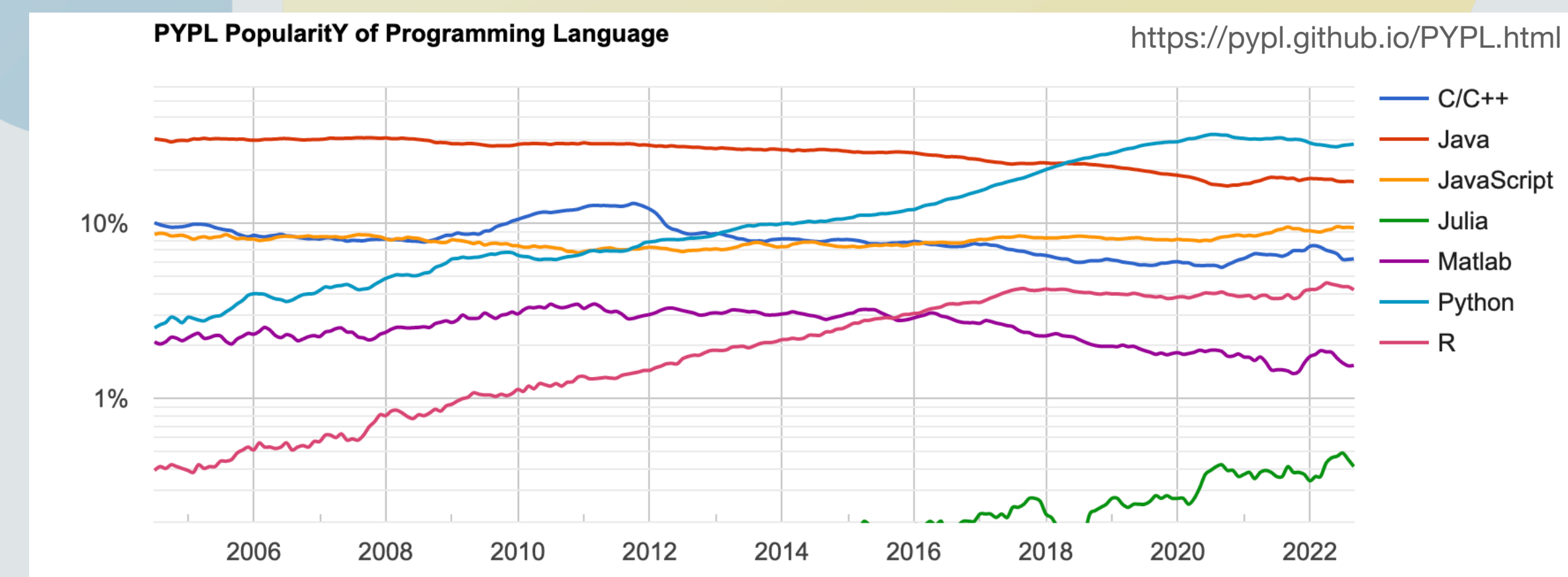
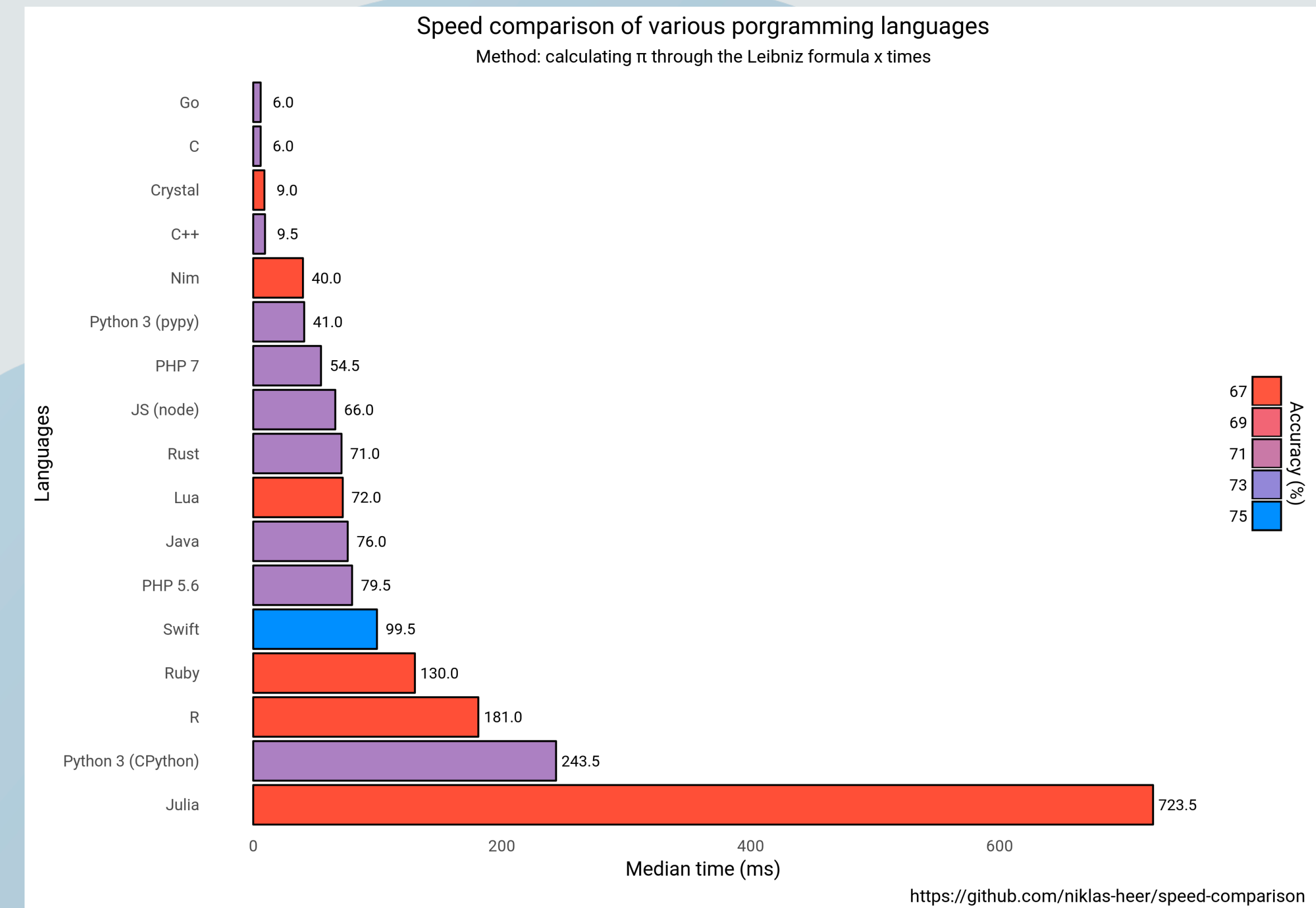
What is Python?

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



What is Python?

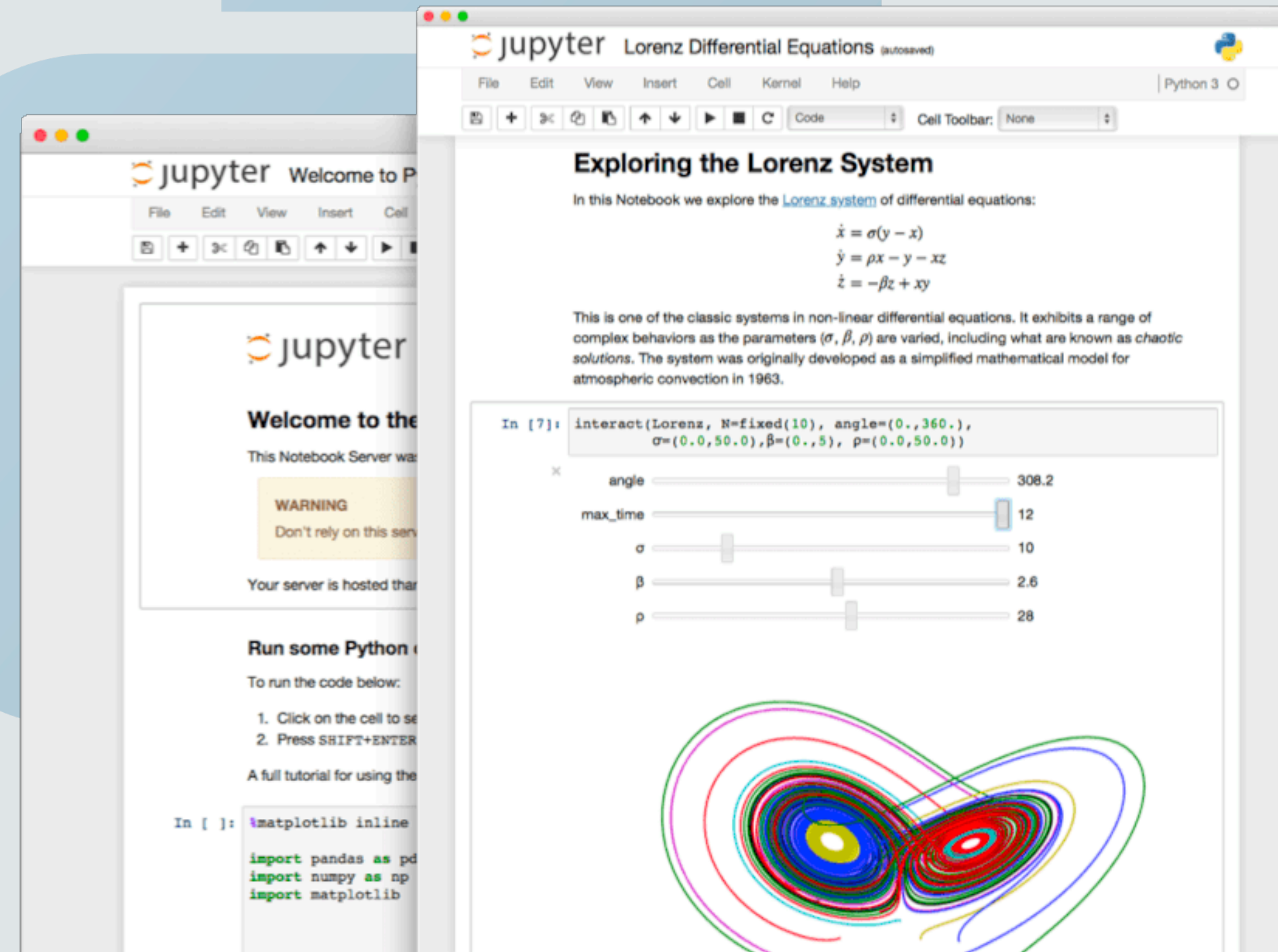
- Python is a multi-purpose programming language
- Not the snake!
- Not the fastest
- But the most popular
- <https://www.python.org/>



Getting Python




- Use  ANACONDA®

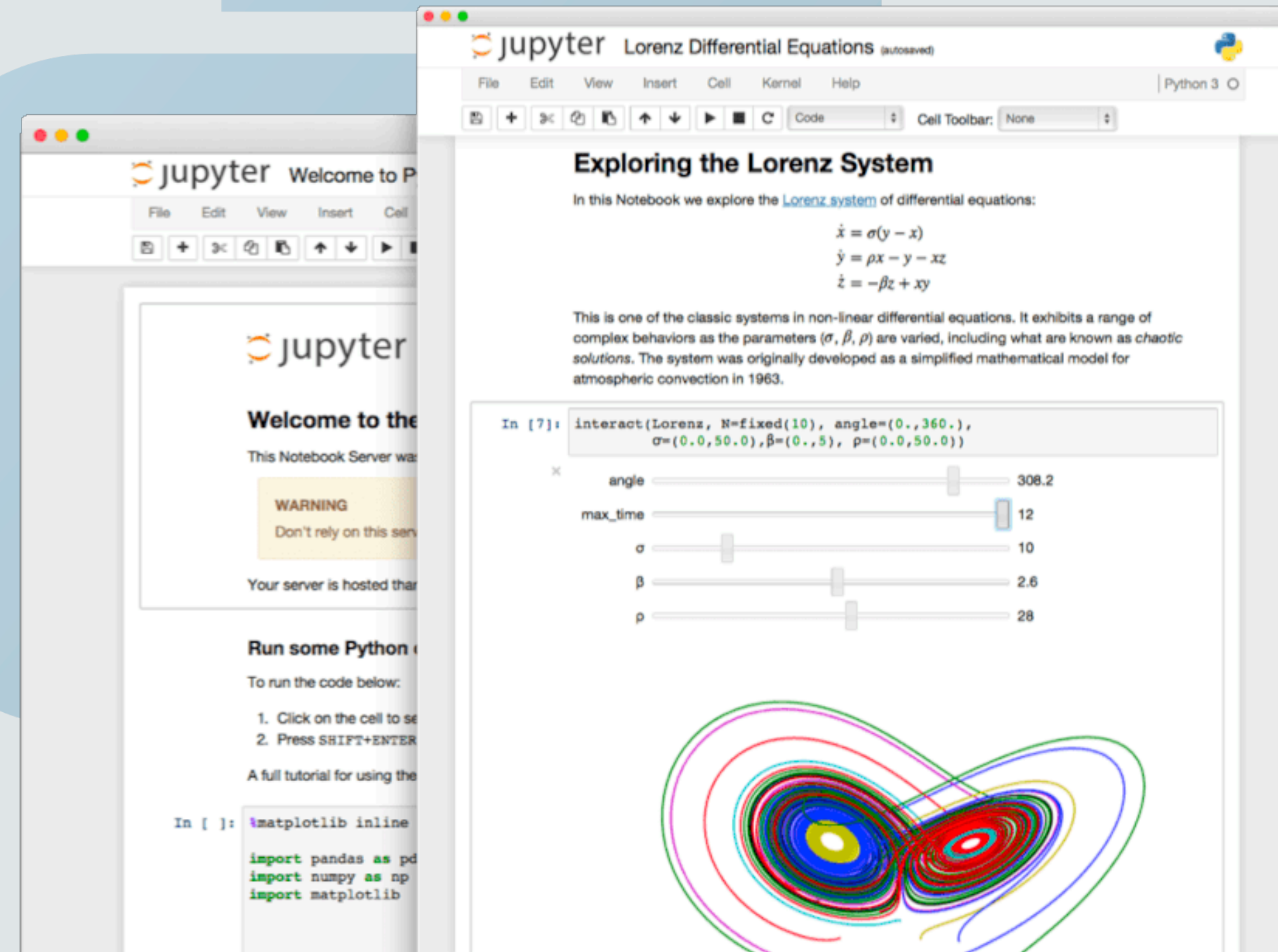
<https://www.anaconda.com/>



Source: jupyter.org

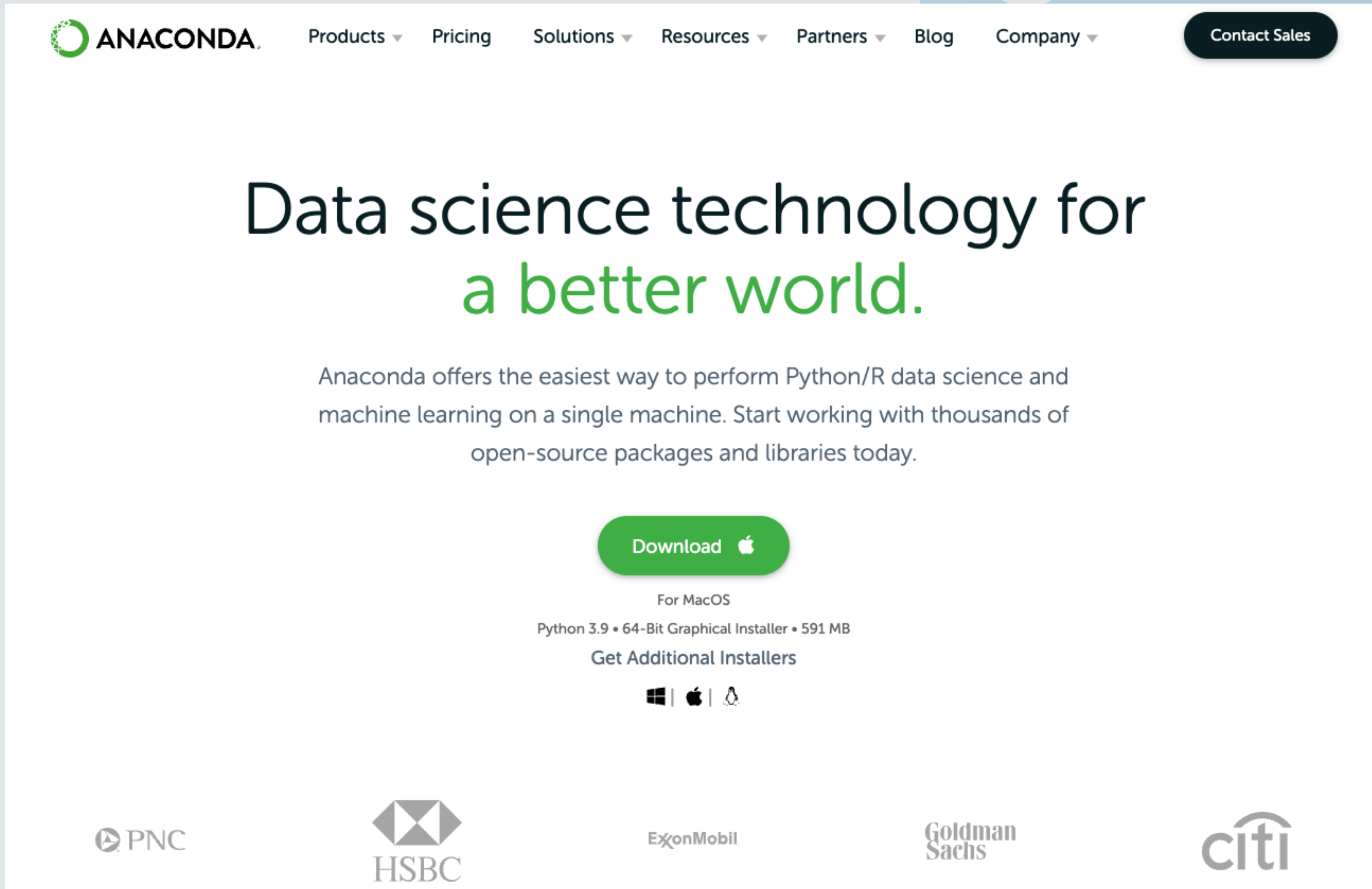
Getting Python


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



Source: jupyter.org


Getting Anaconda

A screenshot of the Anaconda website. The header features the Anaconda logo and navigation links: Products, Pricing, Solutions, Resources, Partners, Blog, and Company. A 'Contact Sales' button is in the top right. The main heading reads 'Data science technology for a better world.' Below this is a paragraph about Anaconda's ease of use for Python/R data science and machine learning. A green 'Download' button with an Apple icon is prominent, with text indicating it's for MacOS, Python 3.9, 64-bit, graphical installer, and 591 MB. Below the button are icons for Windows, Apple, and Linux. The footer displays logos for PNC, HSBC, ExxonMobil, Goldman Sachs, and Citi.

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For MacOS

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 |  | 

Source: anaconda.com

Getting the files

GitHub repository

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master

1 branch

0 tags

Go to file

Add file

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wofost notebook - v1

f6cf394 16 hours ago

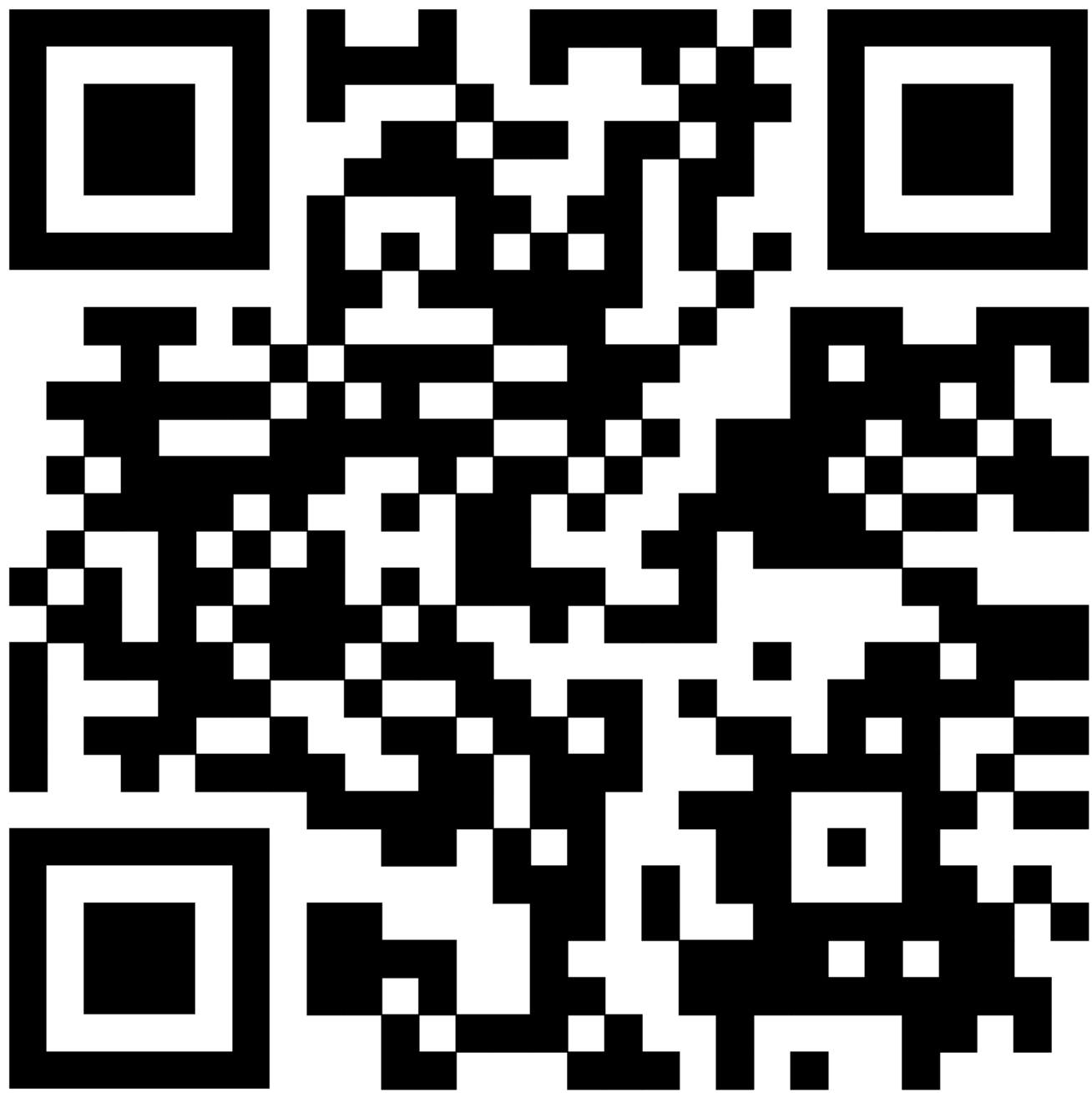
2 commits

.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

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Add a README

Scan this:



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

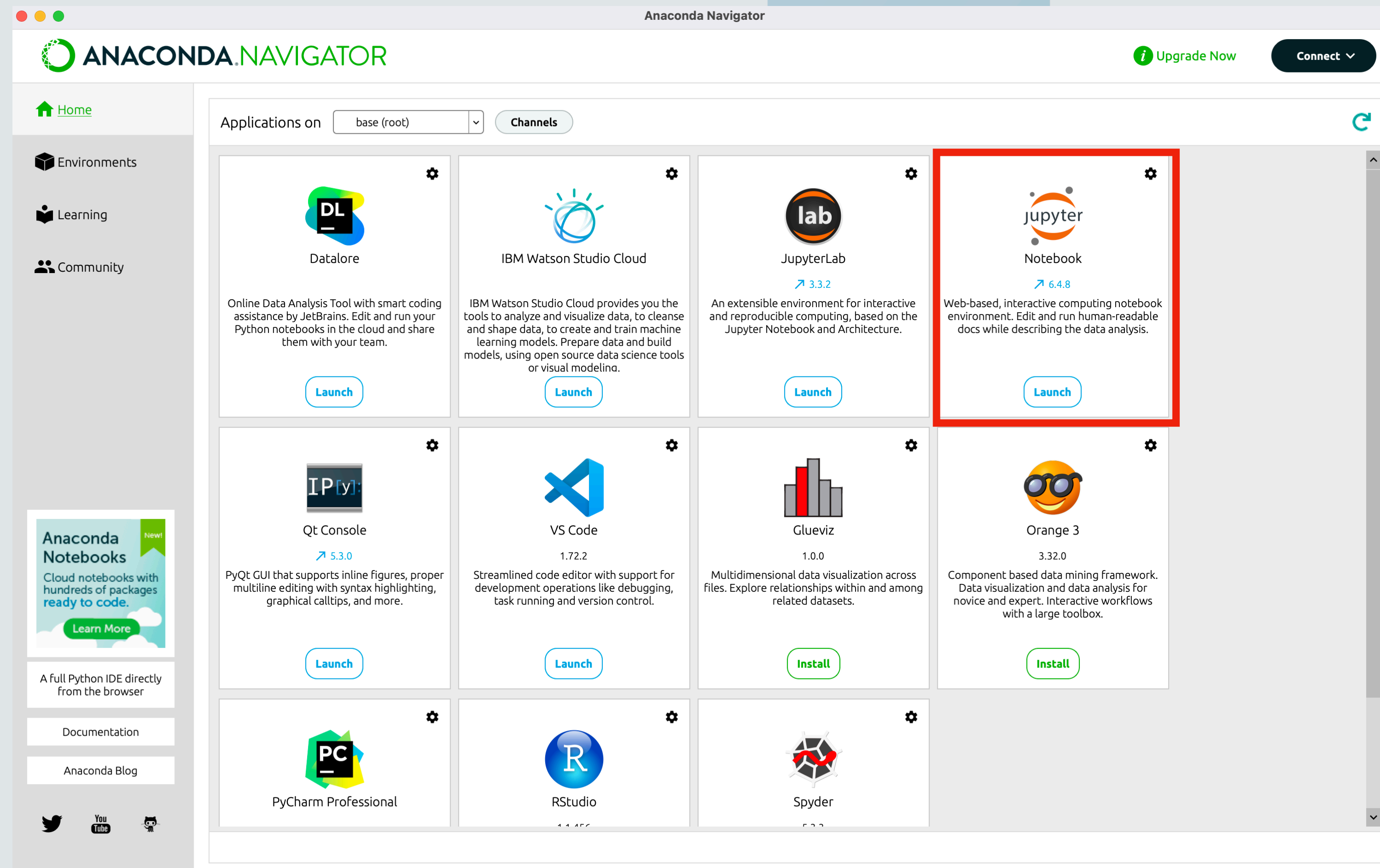
Getting Started

Now, let's go to Python

The Python logo, consisting of two interlocking snakes, one blue and one yellow, is positioned in the background of the slide.

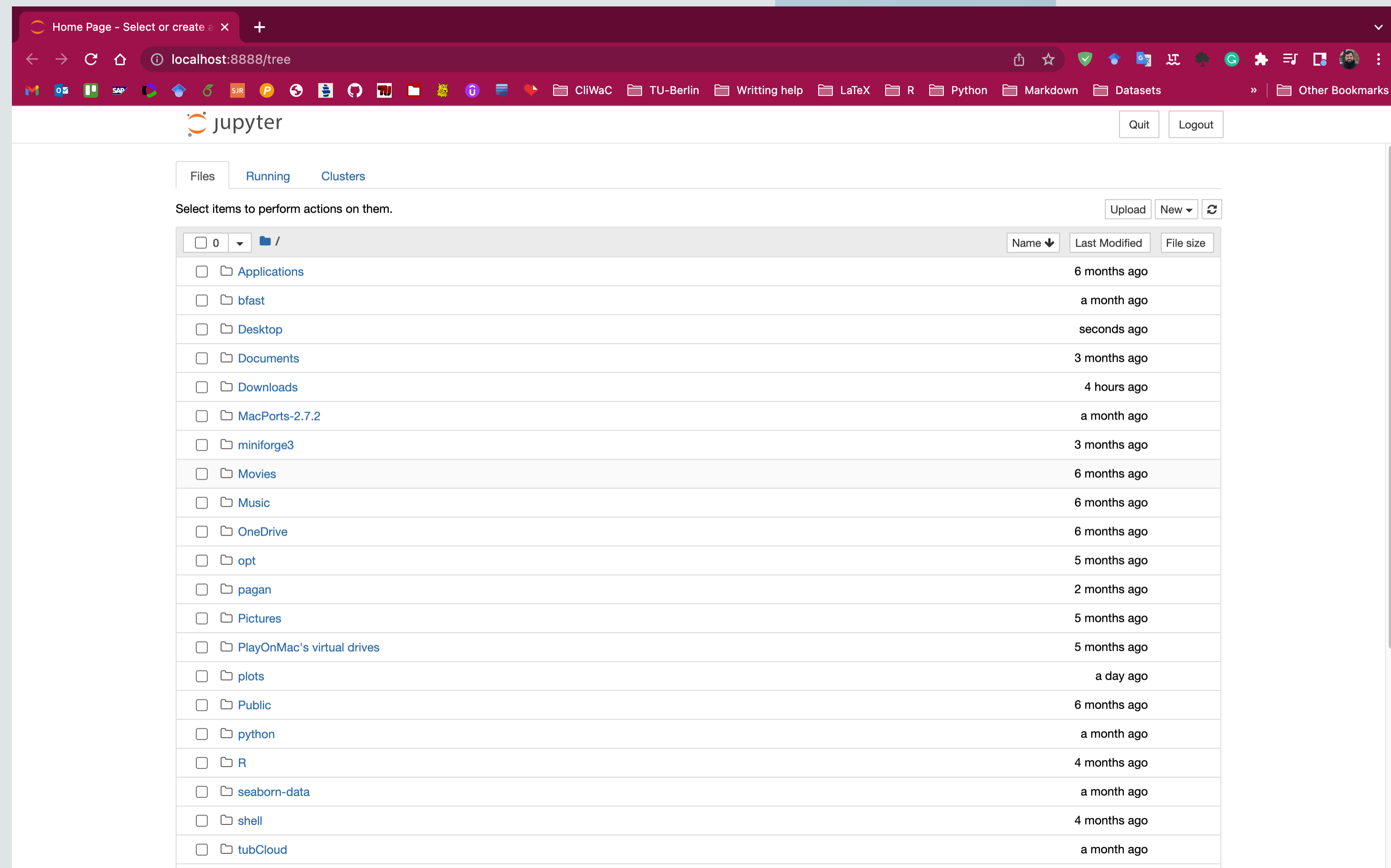
After installation

- Open Anaconda Navigator



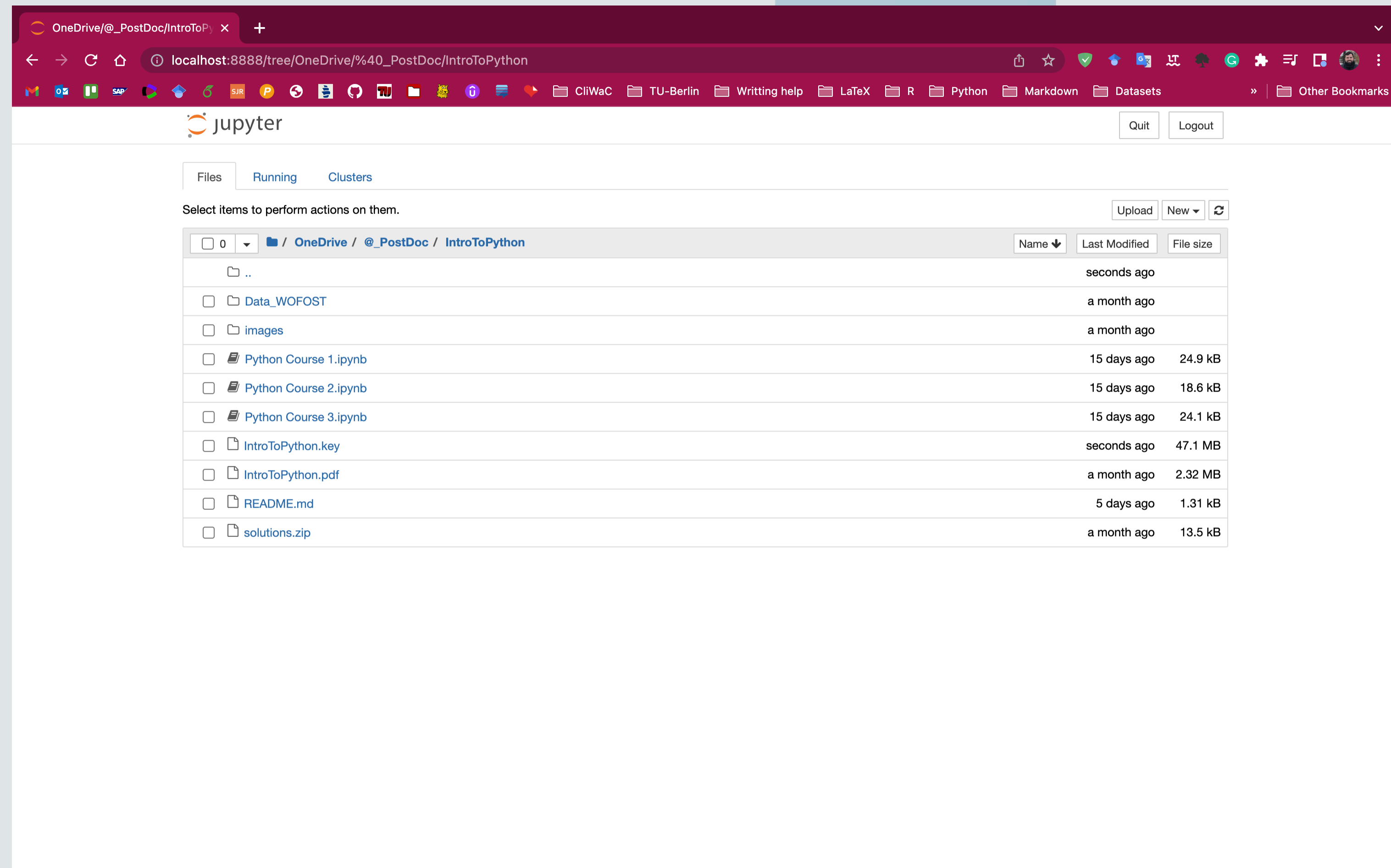
After installation

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



After installation

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- 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`

