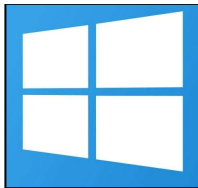


Programación en Python


Vincent Depassier

23 de marzo de 2020

Sistemas operativos



Instalar Python en Windows



The screenshot shows the Python.org homepage. At the top is the Python logo and a search bar. Below the logo is a navigation bar with links: About, Downloads, Documentation, Community, Success Stories, and News. The main content area features the heading "Download the latest version for Windows" in yellow. Below this heading is a yellow button labeled "Download Python 3.8.2", which is pointed to by a large red arrow. Under the button, there are links for "Python for Windows, Linux/UNIX, Mac OS X, Other", "Prereleases", and "Docker images". At the bottom of the main content area, it says "Looking for Python 2.7? See below for specific releases". On the right side of the page, there is an illustration of two parachutes carrying boxes.

python™

Donate

Search

About Downloads Documentation Community Success Stories News

Download the latest version for Windows

Download Python 3.8.2

Looking for Python with a different OS? Python for [Windows](#),
[Linux/UNIX](#), [Mac OS X](#), [Other](#)

Want to help test development versions of Python? [Prereleases](#),
[Docker images](#)

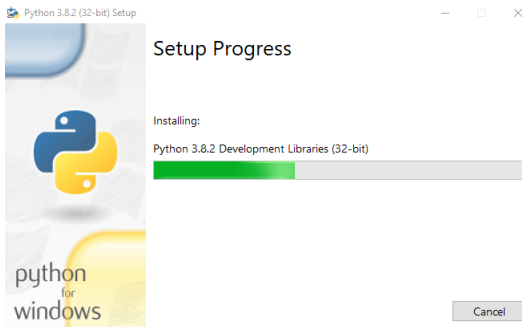
Looking for Python 2.7? See below for specific releases

Instalar Python en Windows



- [Descargar Python](#)

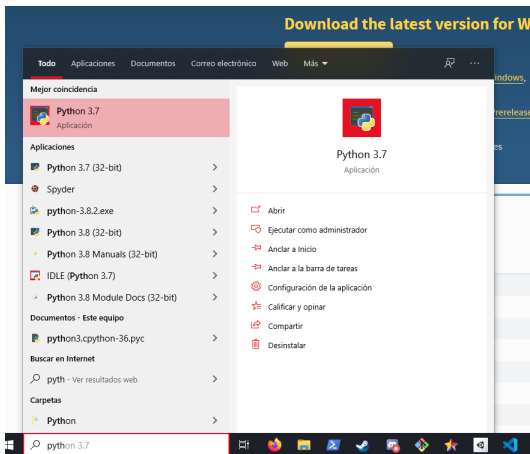
Instalar Python en Windows



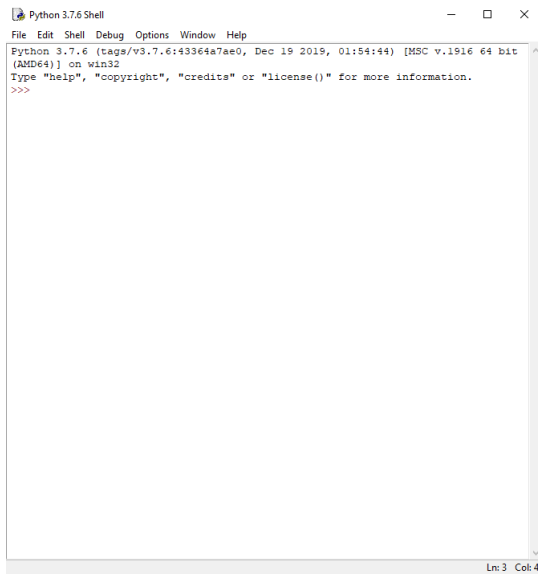
Instalar Python en Windows



Instalar Python en Windows



Instalar Python en Windows



The image shows a screenshot of a Windows application window titled "Python 3.7.6 Shell". The window has a standard menu bar with "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main content area displays the following text:

```
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 01:54:44) [MSC v.1916 64 bit  
(AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>>
```

The status bar at the bottom right of the window indicates "Ln: 3 Col: 4".

Instalar Python en Mac



Instalar Python en Mac

Python Releases for Mac OS X

- [Latest Python 3 Release - Python 3.8.2](#)
- [Latest Python 2 Release - Python 2.7.17](#)

Stable Releases

- [Python 3.7.7 - March 10, 2020](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.8.2 - Feb. 24, 2020](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.8.1 - Dec. 18, 2019](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.7.6 - Dec. 18, 2019](#)
 - Download [macOS 64-bit/32-bit installer](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.6.10 - Dec. 18, 2019](#)
 - No files for this release.
- [Python 3.5.9 - Nov. 2, 2019](#)
 - No files for this release.
- [Python 3.5.8 - Oct. 29, 2019](#)



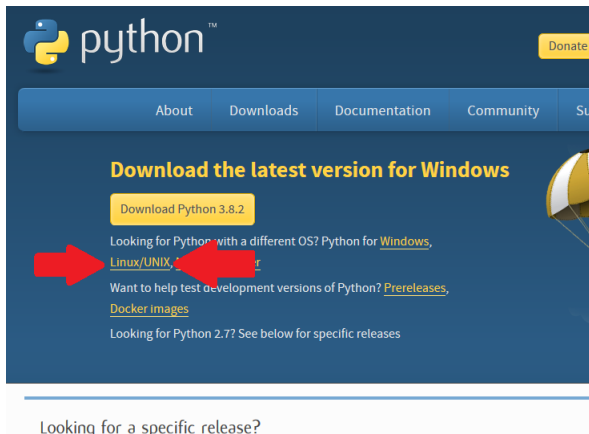
Pre-releases

- [Python 3.7.7rc1 - March 4, 2020](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.9.0a4 - Feb. 26, 2020](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.8.2rc2 - Feb. 17, 2020](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.8.2rc1 - Feb. 10, 2020](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.9.0a3 - Jan. 24, 2020](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.9.0a2 - Dec. 18, 2019](#)
 - Download [macOS 64-bit installer](#)
- [Python 3.7.6rc1 - Dec. 11, 2019](#)
 - Download [macOS 64-bit/32-bit installer](#)

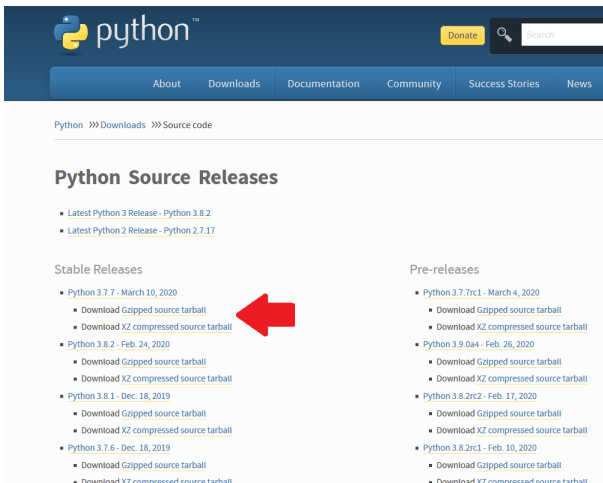
Instalar Python en Linux

```
→ ~ python --version
Python 2.7.12
→ ~ python3 --version
Python 3.5.2
→ ~ python
→ ~ # apt-get install python3
```

Instalar Python en Linux



Instalar Python en Linux



The screenshot shows the Python.org website. The header includes the Python logo, a 'Donate' button, and a search bar. The navigation menu has links for 'About', 'Downloads', 'Documentation', 'Community', 'Success Stories', and 'News'. The breadcrumb trail reads 'Python >>> Downloads >>> Source code'. The main heading is 'Python Source Releases'. Below it, there are links for 'Latest Python 3 Release - Python 3.8.2' and 'Latest Python 2 Release - Python 2.7.17'. The page is divided into two columns: 'Stable Releases' and 'Pre-releases'. Under 'Stable Releases', there are three main entries: Python 3.7.7 (March 10, 2020), Python 3.8.2 (Feb. 24, 2020), and Python 3.8.1 (Dec. 18, 2019). Each entry has two sub-links: 'Download Gzipped source tarball' and 'Download XZ compressed source tarball'. A large red arrow points to the 'Download XZ compressed source tarball' link for Python 3.7.7. Under 'Pre-releases', there are three main entries: Python 3.7.7rc1 (March 4, 2020), Python 3.9.0a4 (Feb. 26, 2020), and Python 3.8.2rc2 (Feb. 17, 2020). Each entry also has two sub-links for 'Gzipped source tarball' and 'XZ compressed source tarball'.

Python >>> Downloads >>> Source code

Python Source Releases

- [Latest Python 3 Release - Python 3.8.2](#)
- [Latest Python 2 Release - Python 2.7.17](#)

Stable Releases

- [Python 3.7.7 - March 10, 2020](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)
- [Python 3.8.2 - Feb. 24, 2020](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)
- [Python 3.8.1 - Dec. 18, 2019](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)
- [Python 3.7.6 - Dec. 18, 2019](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)

Pre-releases

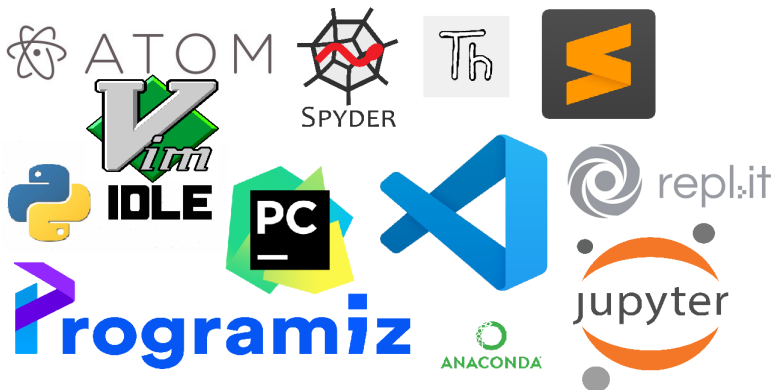
- [Python 3.7.7rc1 - March 4, 2020](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)
- [Python 3.9.0a4 - Feb. 26, 2020](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)
- [Python 3.8.2rc2 - Feb. 17, 2020](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)
- [Python 3.8.2rc1 - Feb. 10, 2020](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)

Mac y Linux

```
titan@DESKTOP-01JS0HG:~$ python --version
Python 2.7.15rc1
titan@DESKTOP-01JS0HG:~$ python3 --version
Python 3.6.5
titan@DESKTOP-01JS0HG:~$
```

- Trabajaremos en Python 3, Python 2.7 es obsoleto.

IDEs (Integrated Development Environment)



- Como en la programación, cada lenguaje es como una herramienta.
- En este caso, cada IDE es donde va a trabajar y con que propósito.

Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)

https://www.anaconda.com/distribution/

Products Why Anaconda? Solutions Resources Company [Contact Us](#) [Download](#)

Anaconda Individual Edition

The World's Most Popular Python/R Data Science Platform

[Download](#)

The open-source [Anaconda Individual Edition](#) (formerly Anaconda Distribution) is the easiest way to perform Python/R data science and machine learning on Linux, Windows, and Mac OS X. With over 19 million users worldwide, it is the industry standard for developing, testing, and training on a single machine, enabling *individual data scientists* to:

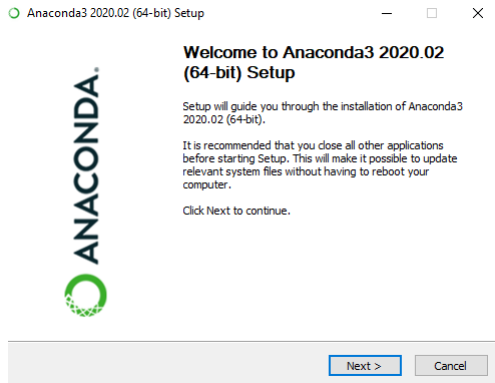
- Quickly download 7,500+ Python/R data science packages
- Manage libraries, dependencies, and environments with [Conda](#)
- Develop and train machine learning and deep learning models with [scikit-learn](#), [TensorFlow](#), and [Theano](#)
- Analyze data with scalability and performance with [Dask](#), [NumPy](#), [pandas](#), and [Numba](#)
- Visualize results with [Matplotlib](#), [Bokeh](#), [Datashader](#), and [Holoviews](#)

Logos for supported tools: jupyter, spyder, NumPy, SciPy, Numba, pandas, DASK, Bokeh, HoloViews, Datashader, matplotlib, learn, H2O.ai, TensorFlow, CONDA.

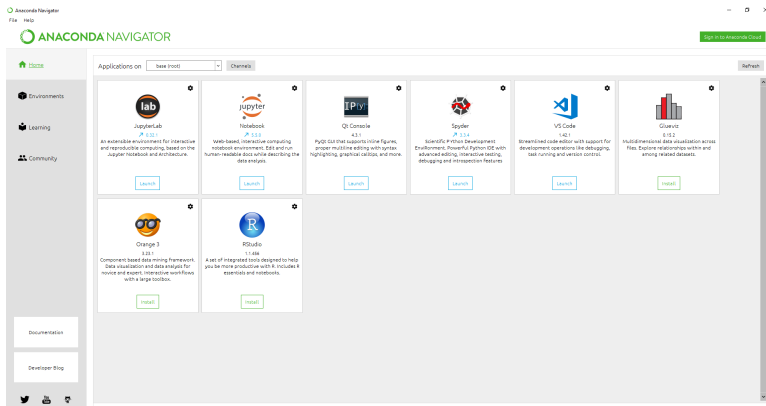
Windows | macOS | Linux

● [Descargar Anaconda](#)

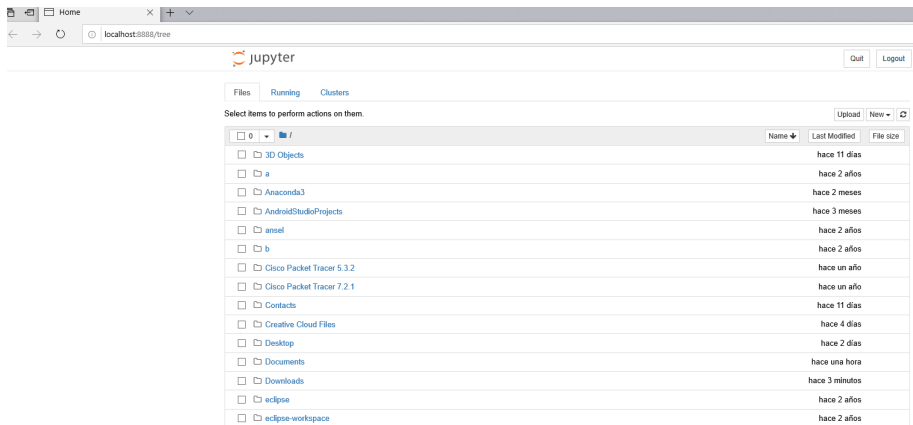
Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)



Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)



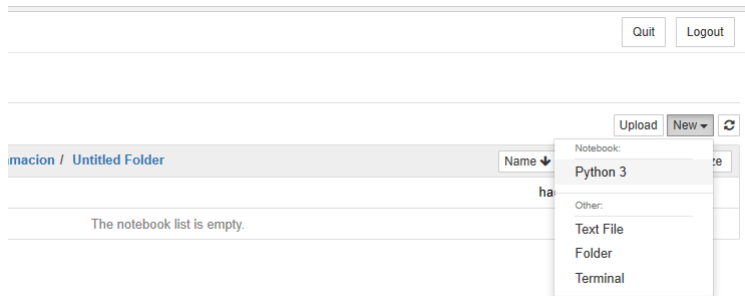
Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)



The screenshot shows the JupyterLab web interface in a browser window. The address bar indicates the URL is `localhost:8888/tree`. The Jupyter logo is visible in the top left, and 'Quit' and 'Logout' buttons are in the top right. Below the navigation tabs (Files, Running, Clusters), there is a prompt to 'Select items to perform actions on them.' and buttons for 'Upload', 'New', and a refresh icon. The main area is a file browser showing a list of files and folders. The table below represents the data shown in the file browser:

Name	Last Modified	File size
3D Objects	hace 11 días	
a	hace 2 años	
Anaconda3	hace 2 meses	
AndroidStudioProjects	hace 3 meses	
ansel	hace 2 años	
b	hace 2 años	
Cisco Packet Tracer 5.3.2	hace un año	
Cisco Packet Tracer 7.2.1	hace un año	
Contacts	hace 11 días	
Creative Cloud Files	hace 4 días	
Desktop	hace 2 días	
Documents	hace una hora	
Downloads	hace 3 minutos	
eclipse	hace 2 años	
eclipse-workspace	hace 2 años	

Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)




Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)











Untitled

× + ▾

tebooks/Documents/Repositorios/materialesProgramacion/Untitled%20Folder/Untitled.ipynb?kernel_name=python3

 **jupyter** Untitled Last Checkpoint: hace unos segundos (unsaved changes)

File Edit View Insert Cell Kernel Widgets Help

          Code ▾ 

```
In [1]: a = 2  
        b = 3  
        a+b
```

```
Out[1]: 5
```

```
In [ ]:
```

Otras Opciones

- Maquinas virtuales
- Ubuntu en Windows
- Compiladores en Internet

Mas información

- [Materiales de programación](#)
- [Vincent Depassier](#)
- Contacto: +56 9 83602406
- Email: vdepassier@gmail.com