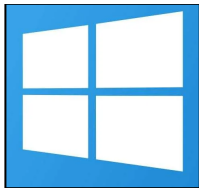


Programación en Python

Vincent Depassier

15 de abril de 2020

Sistemas operativos



Instalar Python en Windows



The screenshot shows the Python.org homepage. At the top, there is a navigation bar with the Python logo, a 'Donate' button, and a search bar. Below this is a secondary navigation bar with links: 'About', 'Downloads', 'Documentation', 'Community', 'Success Stories', and 'News'. The main content area features a large heading 'Download the latest version for Windows'. 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 is text that says 'Looking for Python with a different OS? Python for [Windows](#), [Linux/UNIX](#), [Mac OS X](#), [Other](#)'. Further down, it says 'Want to help test development versions of Python? [Prereleases](#), [Docker images](#)'. At the bottom, it says 'Looking for Python 2.7? See below for specific releases'. On the right side of the main content area, there is an illustration of two parachutes carrying boxes, symbolizing the delivery of the software.

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Download the latest version for Windows

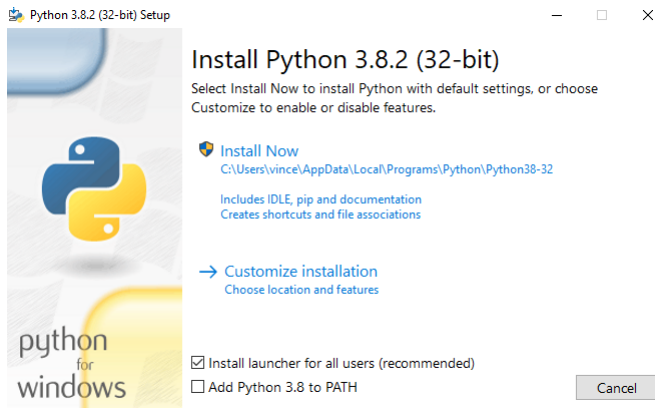
Download Python 3.8.2

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](#)

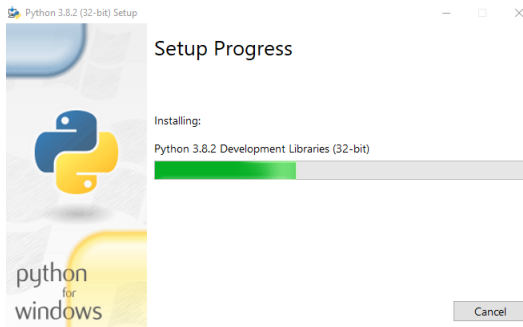
Looking for Python 2.7? See below for specific releases

Instalar Python en Windows



- [Descargar Python](#)

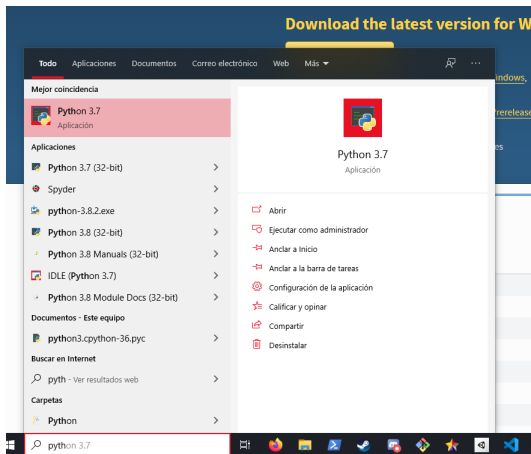
Instalar Python en Windows



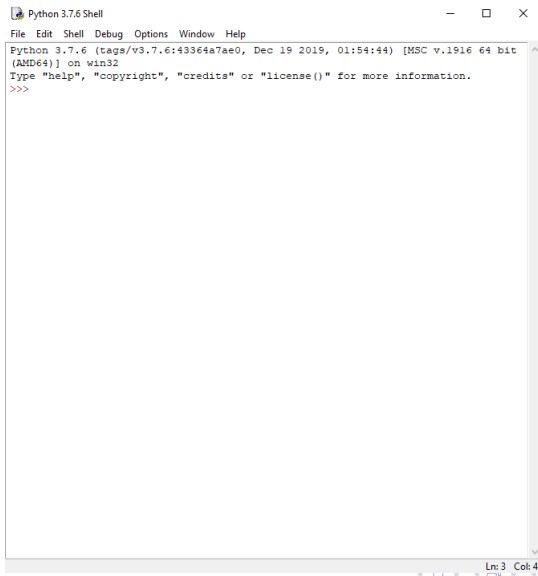
Instalar Python en Windows



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 text 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

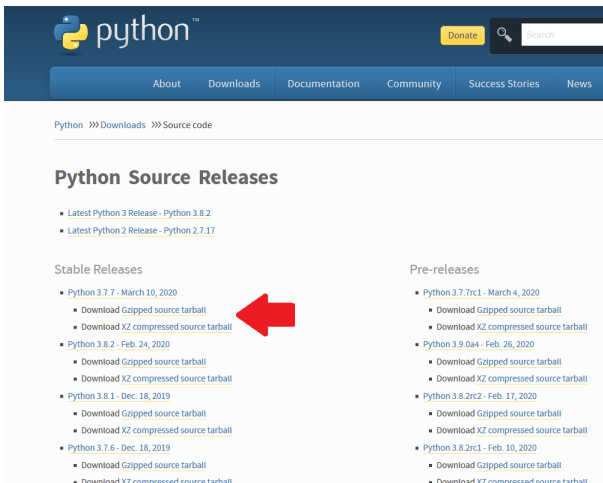
```
→ ~ python --version
Python 2.7.12
→ ~ python3 --version
Python 3.5.2
→ ~ python
→ ~ # apt-get install python3
```

Instalar Python en Linux



Looking for a specific release?

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 'Download Gzipped source tarball' and 'Download XZ compressed source tarball'.

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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](#)
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 - [Download XZ compressed source tarball](#)
- [Python 3.7.6 - Dec. 18, 2019](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)

Pre-releases

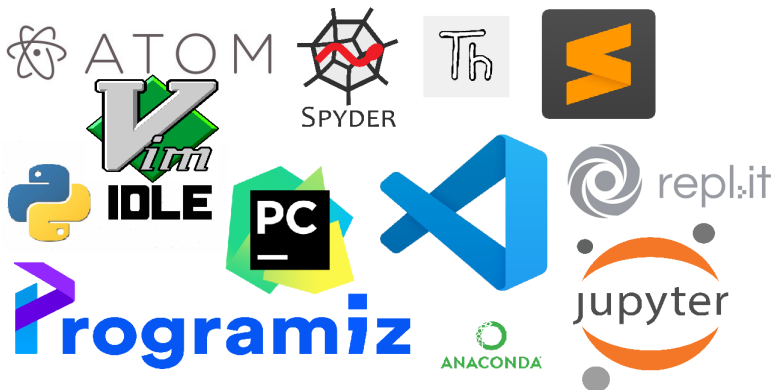
- [Python 3.7.7rc1 - March 4, 2020](#)
 - [Download Gzipped source tarball](#)
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- [Python 3.9.0a4 - Feb. 26, 2020](#)
 - [Download Gzipped source tarball](#)
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- [Python 3.8.2rc2 - Feb. 17, 2020](#)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

```
SuComputador@nombre:~$ python --version  
Python 2.7.15rc1  
SuComputador@nombre:~$ python3 --version  
Python 3.6.5  
SuComputador@nombre:~$
```

- 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/

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Anaconda Individual Edition

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

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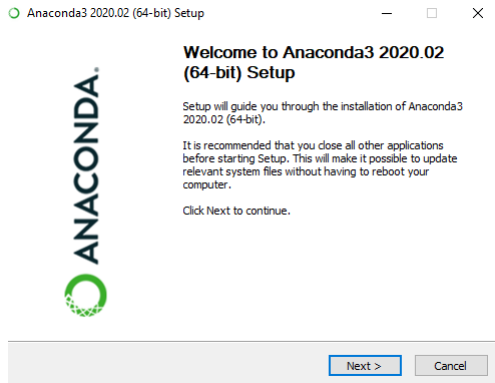
The open-source [Anaconda Individual Edition](#) (formerly Anaconda Distribution) is the easiest way to perform Python/R data science and machine learning on Linux, Windows, and Mac OS X. With over 19 million users worldwide, it is the industry standard for developing, testing, and training on a single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

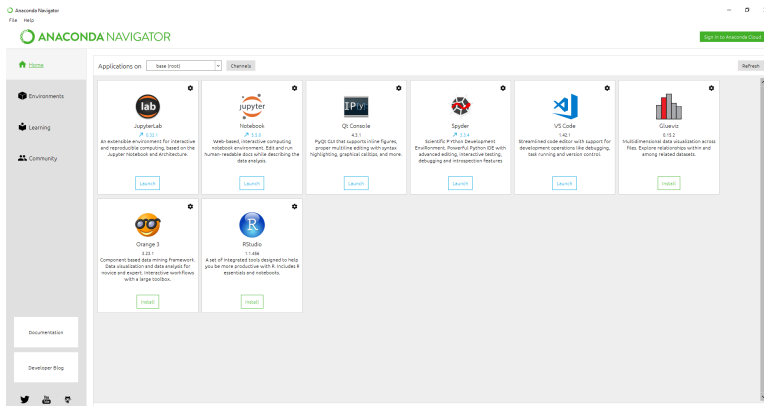
Windows | macOS | Linux

● [Descargar Anaconda](#)

Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)



Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)



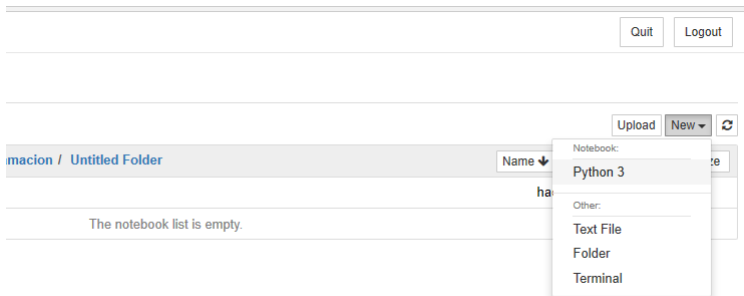
Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)

Files Running Clusters

Select items to perform actions on them. Upload New

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