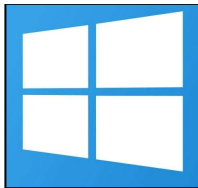


Programación en Python


Vincent Depassier

22 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 has a 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 is text: "Looking for Python with a different OS? Python for [Windows](#), [Linux/UNIX](#), [Mac OS X](#), [Other](#)". Below that is another line: "Want to help test development versions of Python? [Prereleases](#), [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 against a blue sky with clouds.

python™

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Search

About Downloads Documentation Community Success Stories News

Download the latest version for Windows

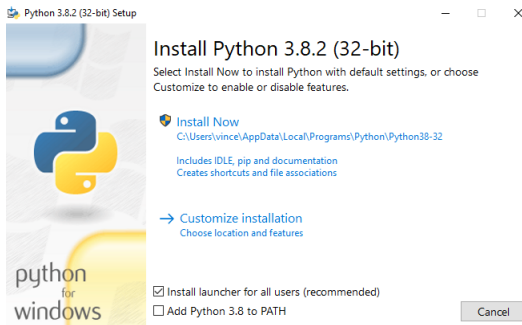
Download Python 3.8.2

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

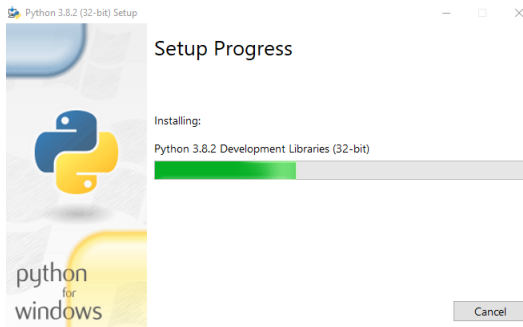
Want to help test development versions of Python? [Prereleases](#), [Docker images](#)

Looking for Python 2.7? See below for specific releases

Instalar Python en Windows



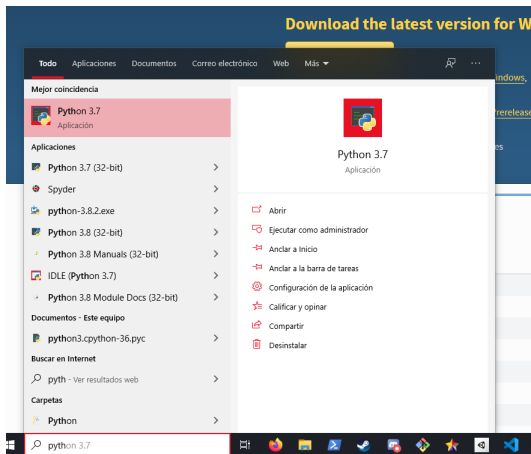
Instalar Python en Windows



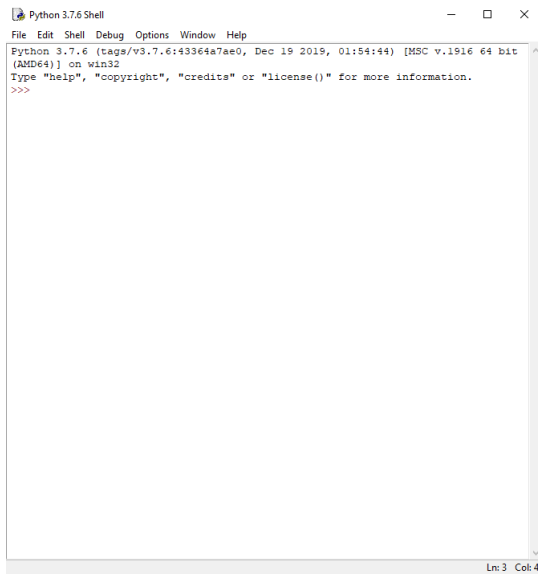
Instalar Python en Windows



Instalar Python en Windows



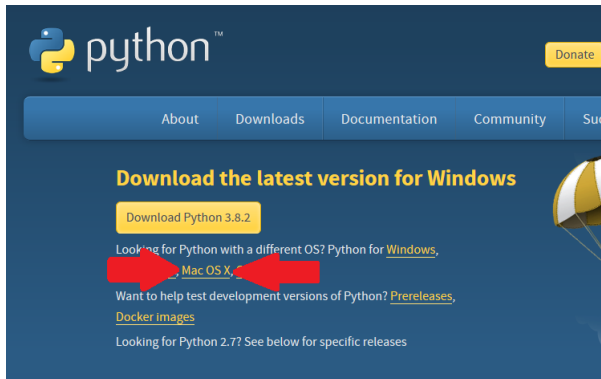
Instalar Python en Windows



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 information: "Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 01:54:44) [MSC v.1916 64 bit (AMD64)] on win32". Below this, it says "Type 'help', 'copyright', 'credits' or 'license()' for more information." followed by a prompt ">>>". The status bar at the bottom right indicates "Ln: 3 Col: 4".

```
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.
>>>
```


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](#)



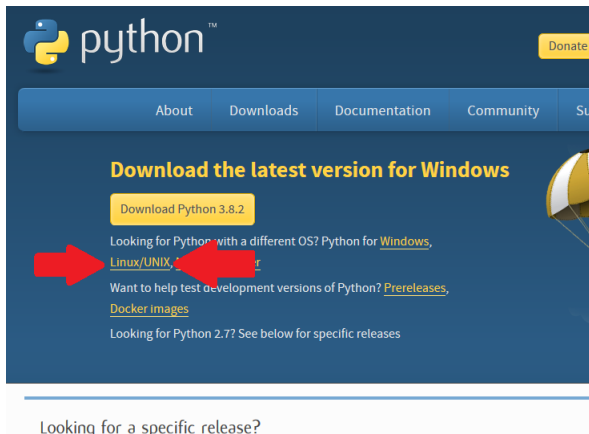
Pre-releases

- [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](#)

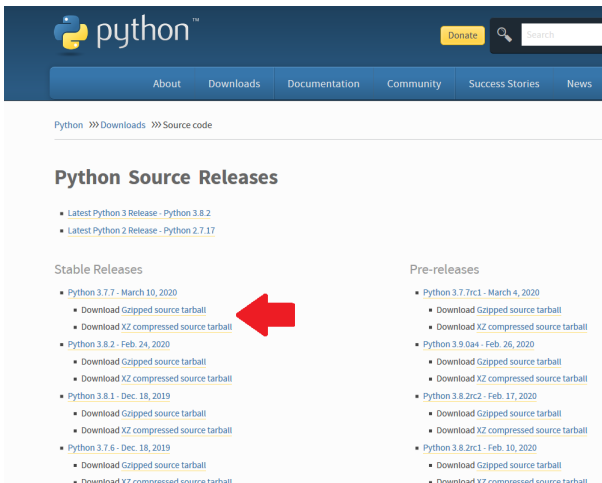
Instalar Python en Linux

```
→ ~ 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](#)
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- [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

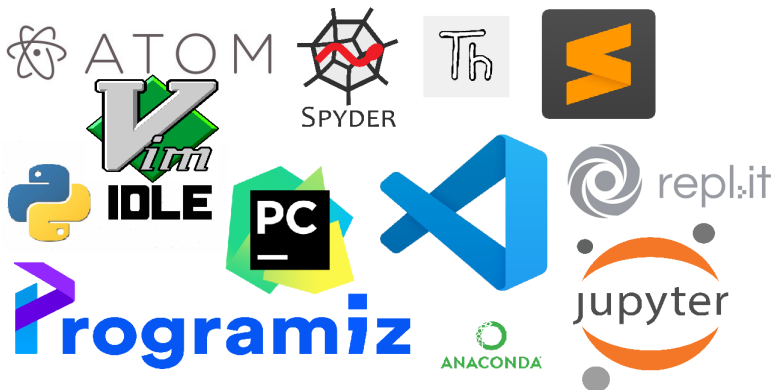
- [Python 3.7.7rc1 - March 4, 2020](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)
- [Python 3.9.0a4 - Feb. 26, 2020](#)
 - [Download Gzipped source tarball](#)
 - [Download XZ compressed source tarball](#)
- [Python 3.8.2rc2 - Feb. 17, 2020](#)
 - [Download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

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

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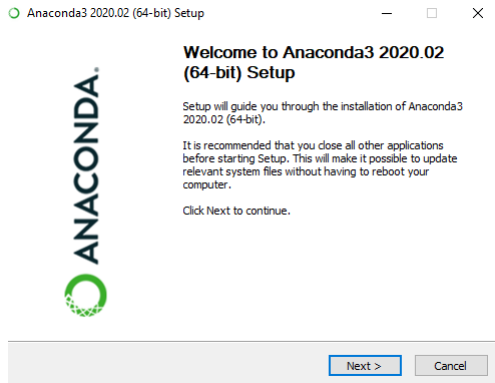
The open-source **Anaconda Individual Edition** (formerly Anaconda Distribution) is the easiest way to perform Python/R data science and machine learning on Linux, Windows, and Mac OS X. With over 19 million users worldwide, it is the industry standard for developing, testing, and training on a single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

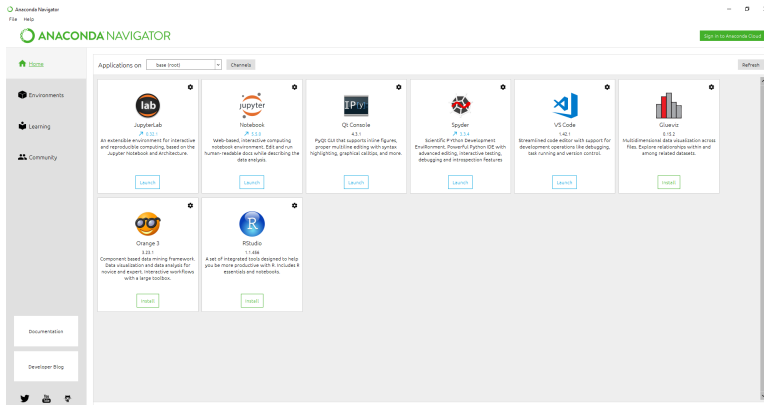
jupyter	spyder	NumPy	SciPy	Numba
pandas	DASK	Bokeh	HoloViews	Datashader
matplotlib	learn	H2O.ai	TensorFlow	CONDA

Windows | macOS | Linux

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Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)



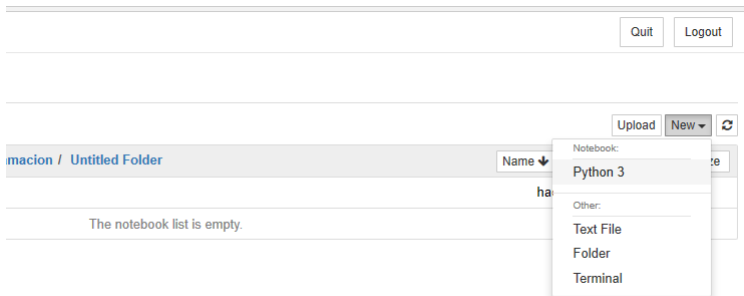
Instalar Anaconda (Jupyter, Spyder & Visual Studio Code)

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	Name	Last Modified	File size
<input type="checkbox"/>	0		
<input type="checkbox"/>	3D Objects	hace 11 días	
<input type="checkbox"/>	a	hace 2 años	
<input type="checkbox"/>	Anaconda3	hace 2 meses	
<input type="checkbox"/>	AndroidStudioProjects	hace 3 meses	
<input type="checkbox"/>	ansel	hace 2 años	
<input type="checkbox"/>	b	hace 2 años	
<input type="checkbox"/>	Cisco Packet Tracer 5.3.2	hace un año	
<input type="checkbox"/>	Cisco Packet Tracer 7.2.1	hace un año	
<input type="checkbox"/>	Contacts	hace 11 días	
<input type="checkbox"/>	Creative Cloud Files	hace 4 días	
<input type="checkbox"/>	Desktop	hace 2 días	
<input type="checkbox"/>	Documents	hace una hora	
<input type="checkbox"/>	Downloads	hace 3 minutos	
<input type="checkbox"/>	eclipse	hace 2 años	
<input type="checkbox"/>	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