

IIC1103 - Instalación Python y Jupyter

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Windows

Descargar Python

Ingresar a la página oficial de Python y descargar la versión 3.6.0

The screenshot shows the Python.org website with the 'Downloads' menu open. A red arrow points to the 'Python 3.6.0' button under the 'Download for Windows' section. The website header includes navigation links for Python, PSF, Docs, PyPI, Jobs, and Community. The main navigation bar includes About, Downloads, Documentation, Community, Success Stories, News, and Events. The 'Downloads' menu lists options like All releases, Source code, Windows, MacOS X, Other Platforms, License, and Alternative Implementations. The 'Download for Windows' section includes buttons for Python 3.6.0 and Python 2.7.13, along with a note that Python 3.5+ cannot be used on Windows XP or earlier. The footer contains sections for Get Started, Download, Docs, and Jobs.

Welcome to Python.org x

Python Software Foundation [US] | <https://www.python.org>

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For loop on a
`>>> numbers = [1, 2, 3, 4, 5]
>>> product = 1
>>> for number in numbers:
... product = product * number
>>> print('The product is:', product)

All releases
Source code
Windows
Mac OS X
Other Platforms
License
Alternative Implementations

Download for Windows

Python 3.6.0 Python 2.7.13

Note that Python 3.5+ cannot be used on Windows XP or earlier.
Not the OS you are looking for? Python can be used on many operating systems and environments.
[View the full list of downloads.](#)

Python is a programming language that lets you work quickly and integrate systems more effectively. [»»» Learn More](#)

Get Started
Whether you're new to programming or an experienced developer, it's easy to learn and use Python.

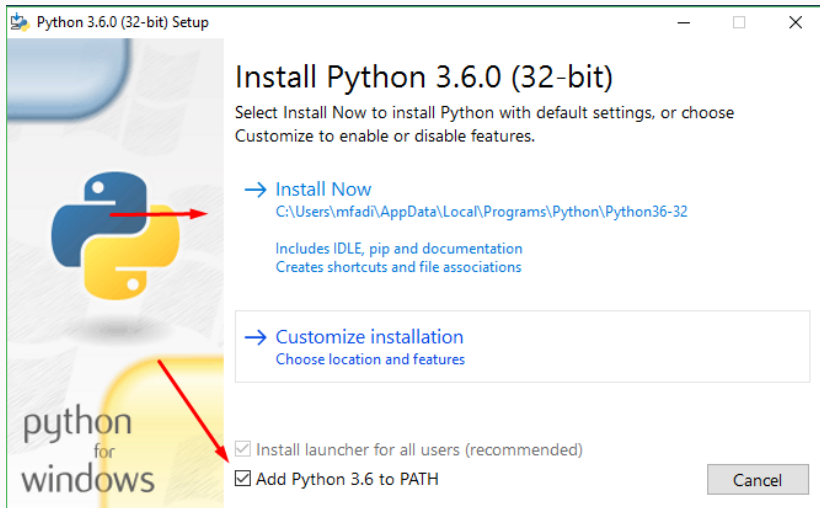
Download
Python source code and installers are available for download for all versions! Not sure which version to use? [Check here.](#)

Docs
Documentation for Python's standard library, along with tutorials and guides, are available online.

Jobs
Looking for work or have a Python related position that you're trying to hire for? Our [relaunched community-run job board](#) is the

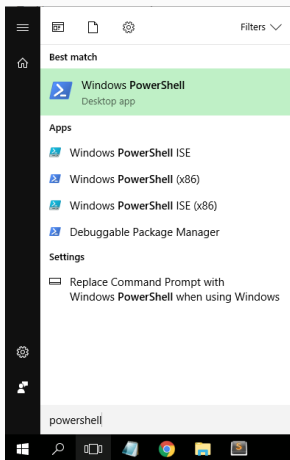
Instalar Python

Es importante marcar la opción **Add Python 3.6 to PATH**.
Luego seleccionar **Install Now**



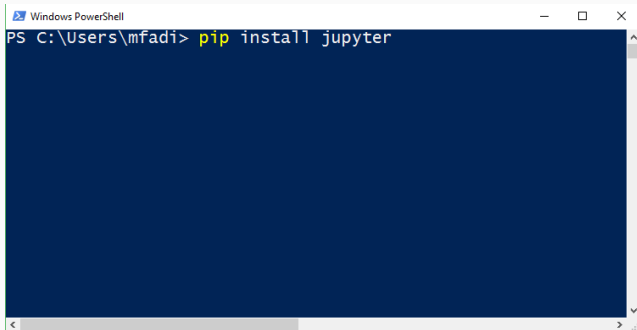
Abrir la terminal

Windows tiene dos terminales. La más actual es *PowerShell*. Puedes abrirla apretando la tecla *Windows* y luego escribiendo *PowerShell*



Instalar Jupyter

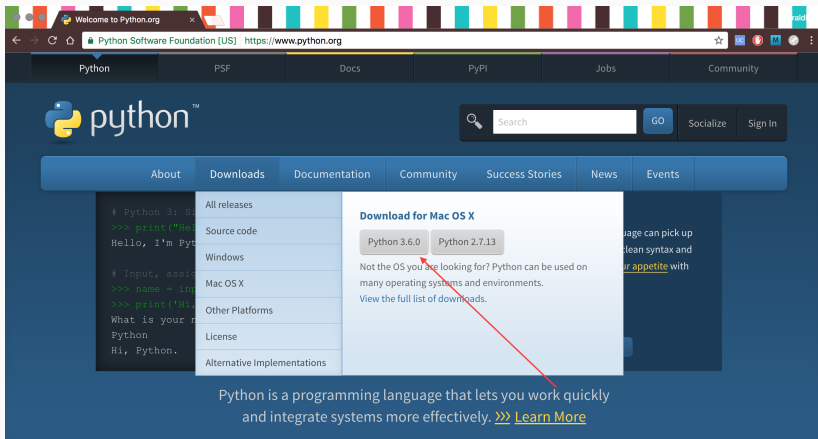
Al instalar Python y agregarlo al PATH se agregan otros programas, entre ellos **pip**. **pip** nos permite instalar módulos hechos por otras personas con funcionalidades específicas. En este caso, utilizaremos **pip3** para instalar **Jupyter**, herramienta con la que haré las clases y que pueden usar para programar. Para ello, en la terminal, escribir *pip install jupyter* y apretar *enter*.

A screenshot of a Windows PowerShell terminal window. The title bar at the top reads "Windows PowerShell" and includes standard window controls (minimize, maximize, close). The command prompt shows the path "PS C:\Users\mfadi>" followed by the command "pip install jupyter" entered in yellow text. The terminal background is dark blue, and the text is white. A vertical scrollbar is visible on the right side of the terminal window.

macOS

Descargar Python

Ingresar a la página oficial de Python y descargar la versión 3.6.0



The screenshot shows the Python Software Foundation website. The browser's address bar displays "Python Software Foundation [US] https://www.python.org". The website's navigation bar includes links for Python, PSF, Docs, PyPI, Jobs, and Community. The main content area features the Python logo, a search bar, and a "Sign In" button. A dropdown menu is open under the "Downloads" link, listing options such as "All releases", "Source code", "Windows", "Mac OS X", "Other Platforms", "License", and "Alternative Implementations". The "Mac OS X" option is selected, leading to a "Download for Mac OS X" section. This section contains two buttons: "Python 3.6.0" and "Python 2.7.13". A red arrow points from the "Python 3.6.0" button to the "Python 3.6.0" button. Below the buttons, there is a text block that reads: "Not the OS you are looking for? Python can be used on many operating systems and environments. View the full list of downloads." At the bottom of the page, a blue banner states: "Python is a programming language that lets you work quickly and integrate systems more effectively. >>> [Learn More](#)".

Instalar Python



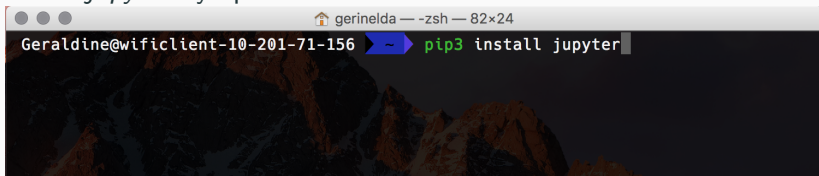
Abrir la terminal

Puedes hacerlo escribiendo "terminal" desde *Spotlight* (comando + barra espaciadora)



Instalar Jupyter

Al instalar Python se agregan otros programas, entre ellos **pip**. **pip** nos permite instalar módulos hechos por otras personas con funcionalidades específicas. En este caso, utilizaremos **pip** para instalar **Jupyter**, herramienta con la que haré las clases y que pueden usar para programar. Para ello, en la terminal, escribir *pip3 install jupyter*¹ y apretar *enter*.

A screenshot of a macOS terminal window. The title bar shows three window control buttons (red, yellow, green) on the left, a home icon, the username 'gerinelda', the shell type '-zsh', and the window size '82x24'. The terminal content shows the prompt 'Geraldine@wificlient-10-201-71-156' followed by a blue arrow icon pointing to a tilde '~' representing the home directory. The command 'pip3 install jupyter' is entered at the prompt, with a cursor at the end of the line. The background of the terminal is a dark, rocky landscape.

¹Es necesario ocupar **pip3** en vez de **pip**, ya que macOS viene con Python 2 instalado y **pip** instala los paquetes para este.