

The Jupyter Notebook is an open source web application that you can use to create and share documents that contain live code, equations, visualizations, and text. Jupyter Notebook is maintained by the people at [Project Jupyter](#).

Jupyter Notebooks are a spin-off project from the IPython project, which used to have an IPython Notebook project itself. The name, Jupyter, comes from the core supported programming languages that it supports: Julia, Python, and R. Jupyter ships with the IPython kernel, which allows you to write your programs in Python, but there are currently over 100 other kernels that you can also use.

Free Bonus: 5 Thoughts On Python Mastery, a free course for Python developers that shows you the roadmap and the mindset you'll need to take your Python skills to the next level.

Getting Up and Running With Jupyter Notebook

The Jupyter Notebook is not included with Python, so if you want to try it out, you will need to install Jupyter.

There are many distributions of the Python language. This article will focus on just two of them for the purposes of installing Jupyter Notebook. The most popular is CPython, which is the reference version of Python that you can get from their [website](#). It is also assumed that you are using **Python 3**.

Installation

If so, then you can use a handy tool that comes with Python called **pip** to install Jupyter Notebook like this:

Shell

```
$ pip install jupyter
```

The next most popular distribution of Python is [Anaconda](#). Anaconda has its own installer tool called **conda** that you could use for installing a third-party package. However, Anaconda comes with many scientific libraries preinstalled, including the Jupyter Notebook, so you don't actually need to do anything other than install Anaconda itself.

Starting the Jupyter Notebook Server

Now that you have Jupyter installed, let's learn how to use it. To get started, all you need to do is open up your terminal application and go to a folder of your choice. I recommend using something like your Documents folder to start out with and create a subfolder there called *Notebooks* or something else that is easy to remember.

Then just go to that location in your terminal and run the following command:

Shell

```
$ jupyter notebook
```

This will start up Jupyter and your default browser should start (or open a new tab) to the following URL: <http://localhost:8888/tree>

Your browser should now look something like this:

