

# Quick Guide to Installing and Setting Up Jupyter / Python / Anaconda



## Pre-Installation Information

### What is Python?

- **Python** is an interpreted, high-level, general-purpose programming language.
- Python supports the use of modules and packages, which means that programs can be designed in a modular style and code can be reused across a variety of projects. Once you've developed a module or package you need, it can be scaled for use in other projects, and it's easy to import or export these modules.

### What is Jupyter Notebook?

- The **Jupyter Notebook** is an open-source web application that allows you to create and share documents that contain live code, equations, visualizations and narrative text.
- Jupyter Notebooks are a powerful way to write and iterate on your Python code for data analysis. Rather than writing and re-writing an entire program, you can write lines of code and run them one at a time.

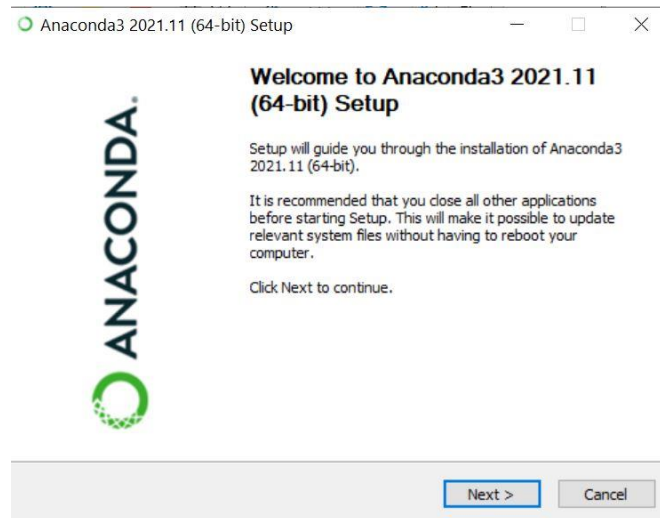
### What is Anaconda?

- **Anaconda** is a free and open-source distribution of the Python and R programming languages for scientific computing, that aims to simplify package management and deployment.

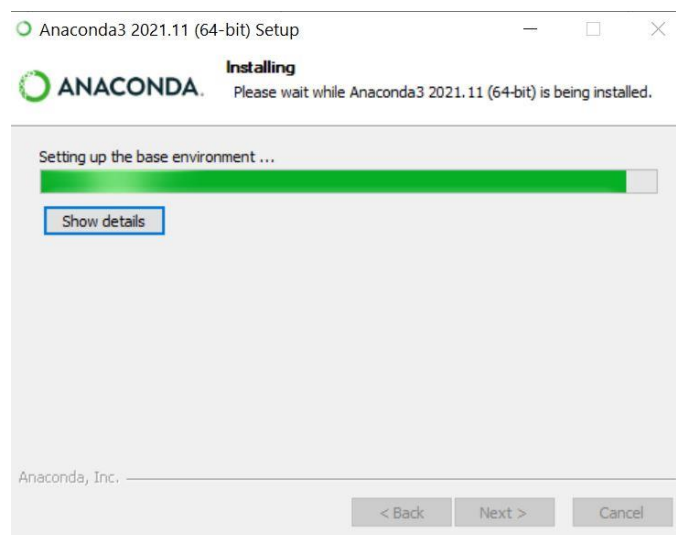
## Part I. Installing and Setting Up Jupyter / Python / Anaconda

### Windows Users:

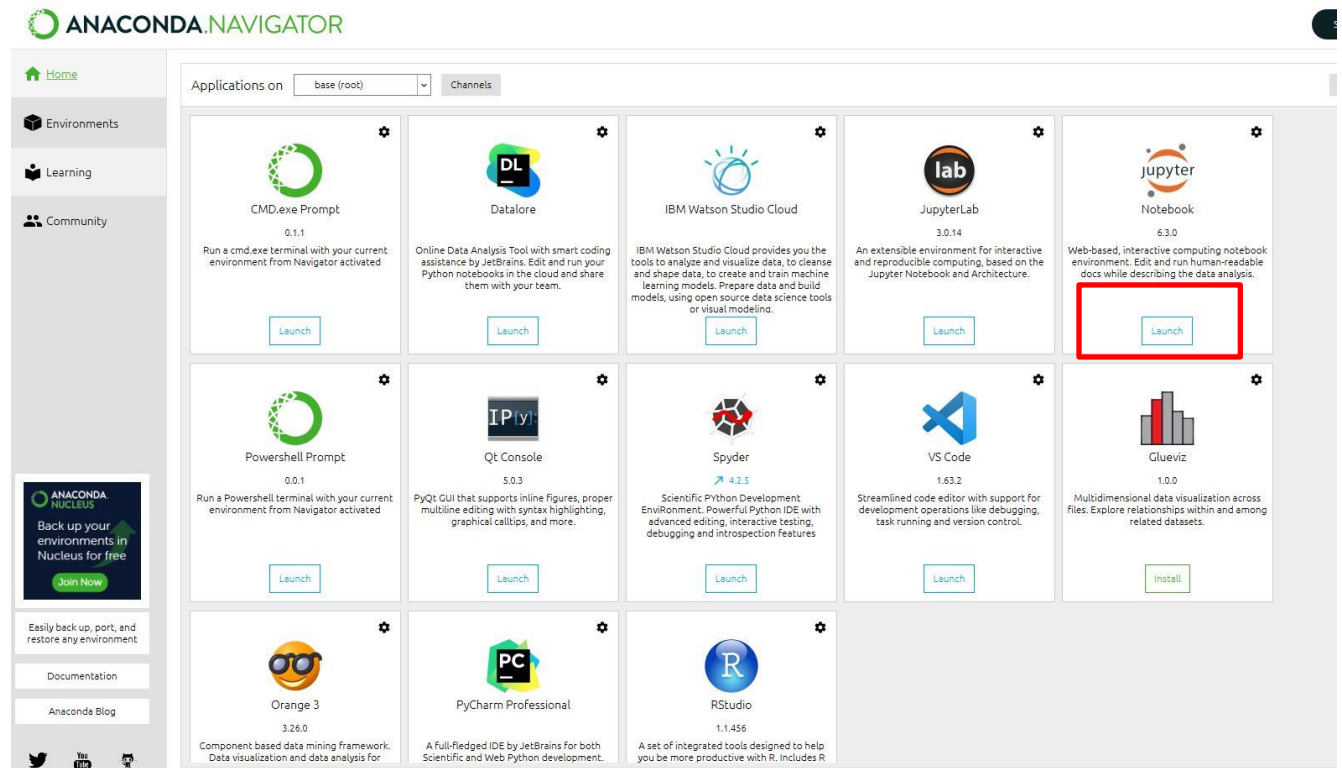
- Go to this link to download Anaconda: <https://www.anaconda.com/distribution/>, press on “**Download**” and double click the exe file.



- Click “**I Agree**” to continue
- Choose “**Just Me (recommended)**” so that the software will only be installed for your account on the computer only. Click “**Next**” to continue.
- The installation will ask for a Destination Folder to install the software. Keep the default value and click “**Next**”
- In the Advanced Options, keep all the options as default, then press “**Install**”
- Depending on your computer, this process could take up to 5 minutes



- Open **Anaconda Navigator** and click 'launch' under Jupyter notebook.



- If your default internet browser does not turn on by itself, directly search for Jupyter Notebook and run the program
- Or else, if everything is working well, you will see something like this, meaning that Anaconda is successfully installed, as well as your Jupyter Notebook!

