

Welcome to the Jupyter Book Tutorial

This book will guide you on setting up your own *Jupyter Book* and make the whole process easy for you.

Prerequisites

Installations:

- [Python](#)
- [Anaconda](#)
- [Pycharm](#)

If you do not have any or all of the applications listed, please refer to the page.

Python installation

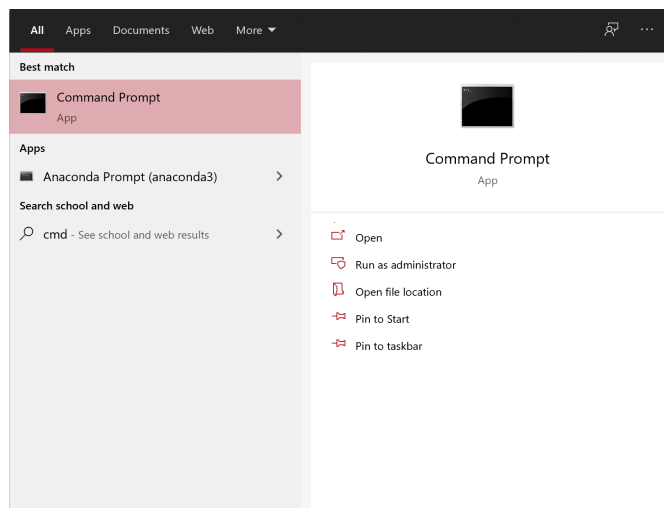
If you already have this installed, please head to [Anaconda](#)

Check if python is installed

Please check to make sure you do not have python installed.

To do this:

1. Press `⌘` windows key
2. Type cmd

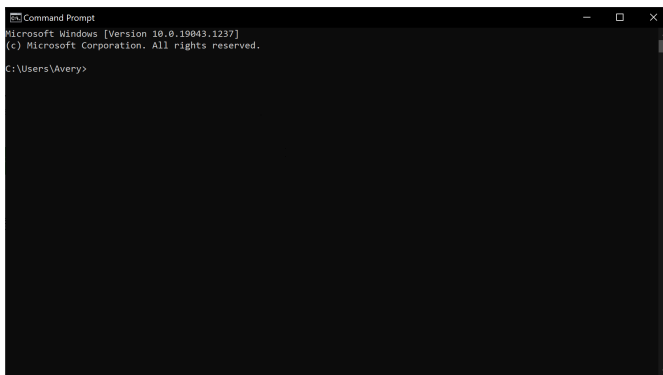


1. Press Enter

Note

Instead, you can also right-click on the windows button on the bottom left, then click Windows PowerShell

Now you should be on this screen:

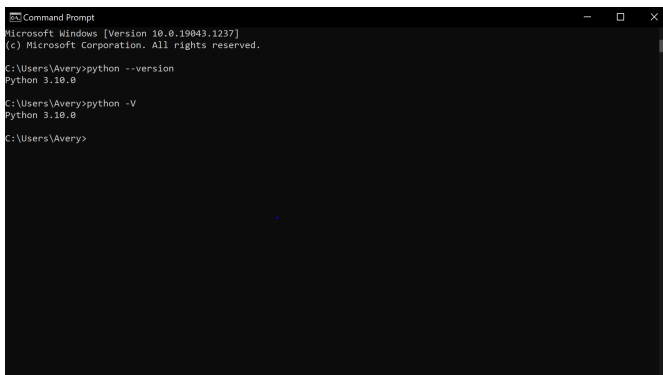


On this screen, either type in

```
python --version
```

or

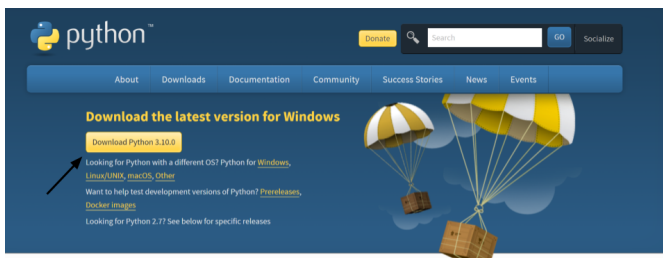
```
python -V
```



If a python version is outputted, then you already have it installed. If not, continue to the next section.

Python Download

In order to install python, you will need head to the [python website](https://python.org). Then click on the download button.



Once the file is installed on your computer, you want to double-click it. Then select Customize Installation and proceed. Click the button that says add path.

Anaconda installation

If you already have this installed, please head to [Pycharm](https://pycharm.org)

Anaconda Download

First, you are gonna head to the [Anaconda website](https://anaconda.org) and click the Download Button



Individual Edition

Your data science toolkit

With over 25 million users worldwide, the open-source Individual Edition (Distribution) is the easiest way to perform Python/R data science and machine learning on a single machine. Developed for solo practitioners, it is the toolkit that equips you to work with thousands of open-source packages and libraries.



After it is installed double-click it to start the installation.

Just keep hitting I Agree, Next, and Finish.

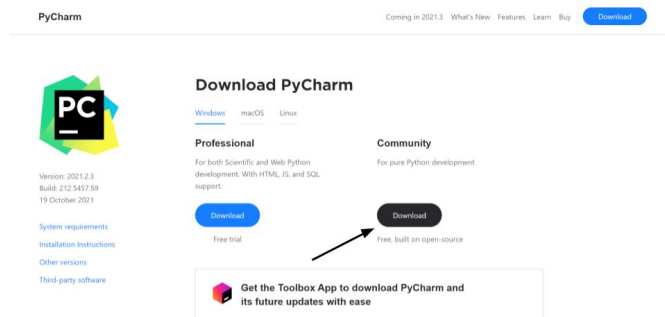
Then Anaconda should be installed

Pycharm installation

If you already have this installed, please head to [Pip](#)

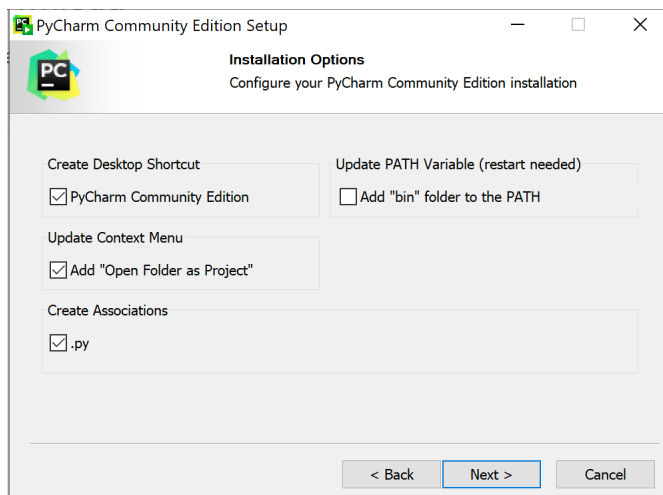
Pycharm Download

First, you are gonna want to head to the [Pycharm website](#) and download the community build.



double-click the download once it is done.

Keep hitting next until you reach the configuration screen.



Go ahead and finish the install, then open Pycharm once it is finished.


PIP Installation

If you already have this installed, please head to [Git](#)

Check for PIP Installation

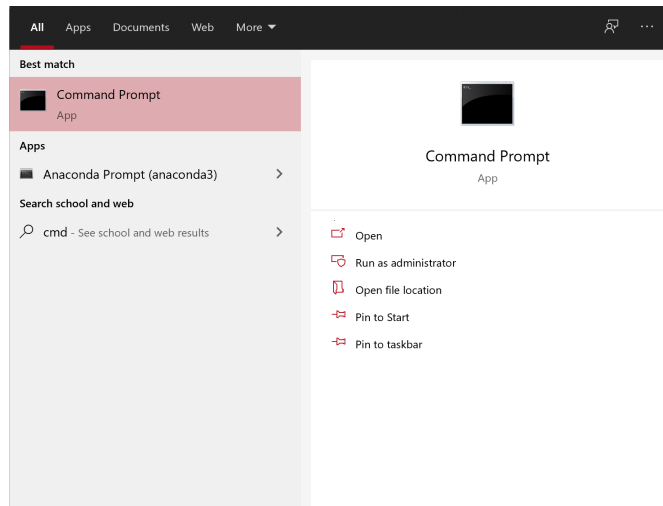
Before we install **PIP**, let's make sure you don't already have it installed.

1. Open up the command prompt

1. press the windows  key

2. Type cmd

1.



3. Press Enter

2. Type into the command prompt 1)

```
pip help
```

3. If it outputs a list of commands, then you already have **PIP** installed

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