

# Python Environment Setup

## Installing Anaconda (Fresh Install)

If you are new to Python, we recommend that you install Anaconda. Anaconda easily installs Python and the Jupyter Notebook that you will need to complete your assignments. Please go to the following website and follow Anaconda's instructions to download and install Python 3.5 or above:

<https://www.anaconda.com/products/individual>

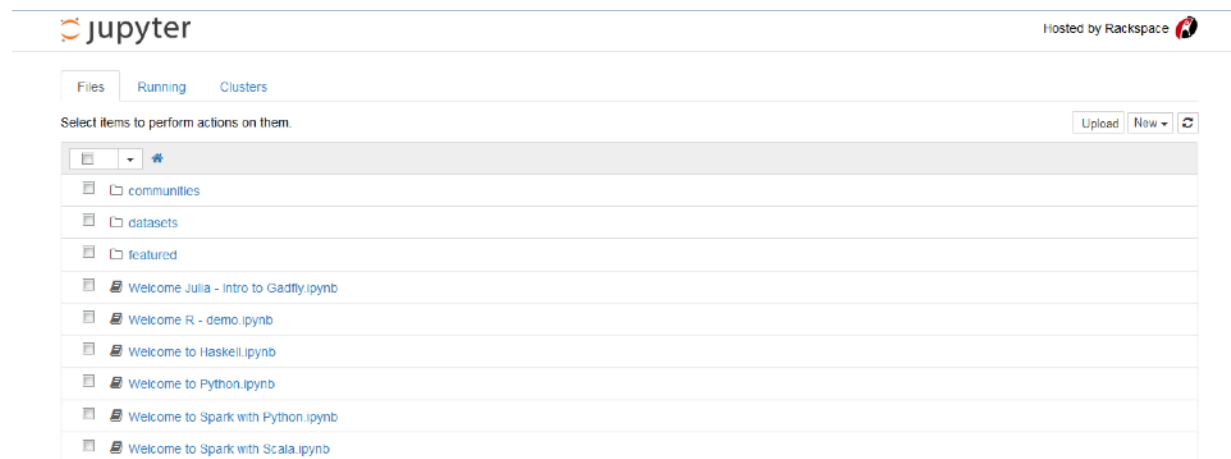
## Running Jupyter Notebook

After downloading the Anaconda Cloud, you can run the Jupyter notebook. To start the notebook server from the command line (CMD prompt on Windows, Terminal on Mac/Linux), use the following command:

```
jupyter notebook
```

This prints some information in your terminal about the notebook server, which includes the web application's URL (Default: <http://127.0.0.1:8888>). It will then visit this URL through your default web browser.

The notebook opens up to its dashboard page, which displays a list of files, notebooks, and subdirectories stored in the directory where the notebook server was started.



You may prefer to start a notebook server in the topmost directory where your notebooks would be easily accessible. Usually, this would be your home directory.

## Updating Anaconda (previously installed)

If you installed Jupyter Notebooks and Python more than a few months ago with Anaconda, we recommend that you check for updates to your base and libraries. Anaconda recommends updates to the base when you open via the graphical user interface. The environment tab on the main page will provide additional hints about available library and module updates. Please remember that updating libraries may make some of your older code incompatible.

