

# Jupyter installation

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## 1 Jupyter installation Steps

The Jupyter Notebook is a web application that allows you to create and share documents that contain live code, equations, visualizations and explanatory text. Uses include: data cleaning and transformation, numerical simulation, statistical modeling, machine learning and much more.

Here are the steps to install Jupyter on your machine:

- As a prerequisite install Anaconda distribution as it includes all the scientific python libraries and Jupyter as well.
- To start Jupyter, open a terminal in your desired directory(where you would save your jupyter notebooks) run the following command:

```
jupyter notebook
```

- Alternative way to download Jupyter(using pip), first upgrade 'pip':

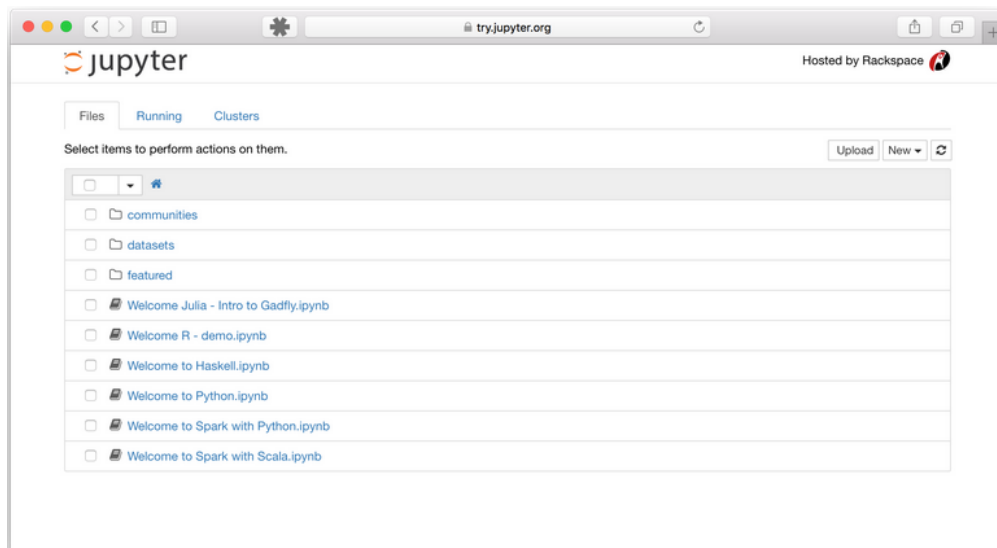
```
pip3 install --upgrade pip
```

- Install Jupyter by foloowing commadnd:

```
pip3 install jupyter
```

- use 'pip' if using legacy Python 2.x

- Once done, start the notebook server using the command in terminal 'jupyter notebook' this will launch a notebook server and open a web interface in the browser.
- From here on you can create your own notebooks and play around with it.



Jupyter example