

Installation of software for data science

1. Install Anaconda for python
<https://www.anaconda.com/distribution/#download-section>
2. You can also install sublime text editor which is good for programming, debugging
<https://www.sublimetext.com/3>
3. Install jupyter_contrib_nbextension
<https://jupyter-contrib-nbextensions.readthedocs.io/en/latest/install.html>
Recommended: install with conda
4. Writing Markdown file in jupyter notebook
<https://guides.github.com/features/mastering-markdown/>
5. If you are using mac and linux its ok. But if you are using windows we are going to learn a terminal command which is different in windows .so I highly recommend you to install
<https://www.microsoft.com/en-us/p/ubuntu/9nblggh4msv6?activetab=pivot:overviewtab>
Follow this link to **Install the Windows Subsystem for Linux**
<https://docs.microsoft.com/en-us/windows/wsl/install-win10>
6. If you need to write a complex math-equation on notebook you can try:
<https://mathpix.com/>
7. Writing a simple latex equation on jupyter notebook:
<https://www.math.ubc.ca/~pwalls/math-python/jupyter/latex/>

Installation of miniconda

Download it into your linux terminal :

wget https://repo.continuum.io/miniconda/Miniconda3-latest-Linux-x86_64.sh -O ~/miniconda.sh

Run:

./miniconda.sh

Or

Sh miniconda.sh

Or

Bash miniconda.sh

Follow the installation instruction

Note

Need to export path:

```
export PATH="/home/username/miniconda/bin:$PATH"
```

Note: user your own username