

Scikit Learn Installation

This is a tutorial about how to install Scikit Learn and its dependencies. Here, you can find the way to install on each of the main Operating Systems. Most likely you will just need to run the commands under the “Simplified” section, however, if you run into problems, the “Manual” section shows how to install each dependency separately. Additionally, there is the command to install the library Matplotlib which is considered as one of the best for plotting with Python. For additional information about installing Scikit Learn or Matplotlib, please refer to the official web pages:

- <http://matplotlib.org/users/installing.html>
- <http://scikit-learn.org/stable/install.html>

GENERAL PREREQUISITE:

Install Python 3.x, please follow the instructions:

- <https://www.python.org/downloads/>

WINDOWS:

Simplified:

- `cd C:\Python34` (or the right python location)
 - `python -m pip install numpy`
 - `python -m pip install scipy`
 - `python -m pip install -U scikit-learn`
- If this does not work, try the manual installation.

Manual:

- `cd C:\Python34` (or python location)
- `python -m pip install numpy`
- `python -m pip install scipy`
- `python -m pip install setuptools`
- `python -m pip install matplotlib`
- `python -m pip install pandas`
- `python -m pip install sympy`
- `python -m pip install nose`
- `python -m pip install ipython`
- `python -m pip install scipy`
- `python -m pip install sklearn`

Additional recommended package:

- `python -m pip install matplotlib`

LINUX/MAC:

Simplified MAC:

- `pip3 install numpy`
 - `pip3 install scipy`
 - `pip3 install -U numpy scipy scikit-learn`
- If this does not work, try the manual installation.

Simplified UBUNTU:

- `sudo apt-get install build-essential python3-dev python3-setuptools python3-numpy python3-scipy libatlas-dev libatlas3gf-base`

Manual:

- `pip3 install numpy`
- `pip3 install scipy`
- `pip3 install setuptools`
- `pip3 install matplotlib`
- `pip3 install pandas`
- `pip3 install sympy`
- `pip3 install nose`
- `pip3 install ipython`
- `pip3 install scipy`
- `pip3 install sklearn`

Additional recommended package:

UBUNTU:

- `sudo apt-get install python-matplotlib`

MAC:

- `pip3 install matplotlib`