**How to download the codes and training materials**

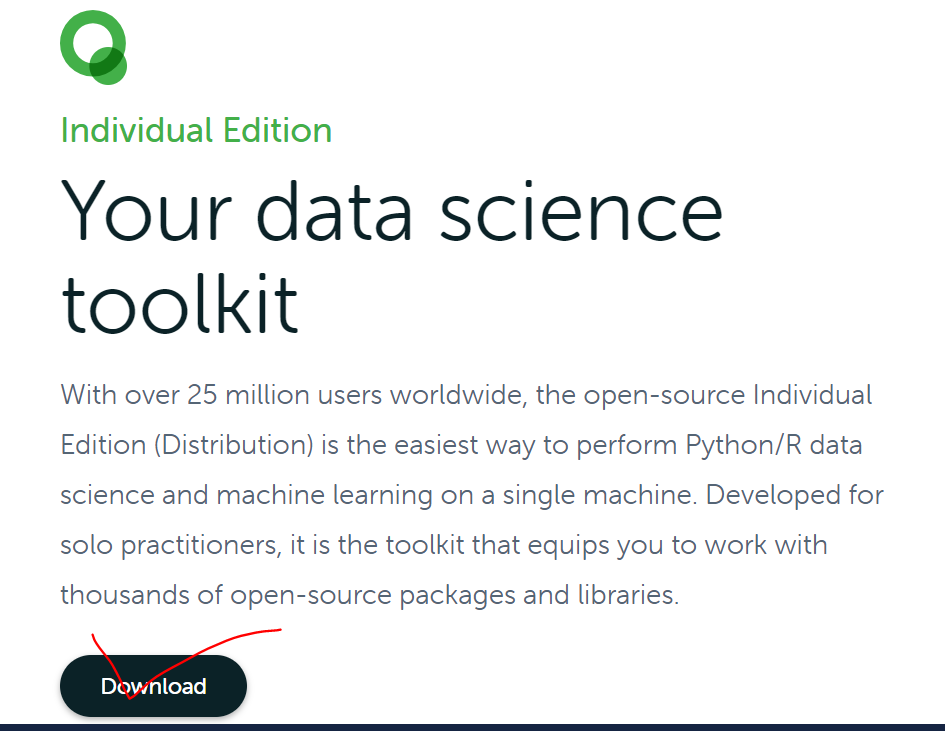
* Go to github in <https://github.com/kevinlee1004/WUSS2021_Phython_Basic>
* Click on “Code” and "Download zip" in <https://github.com/kevinlee1004/WUSS2021_Phython_Basic>

Graphical user interface, text, application, email

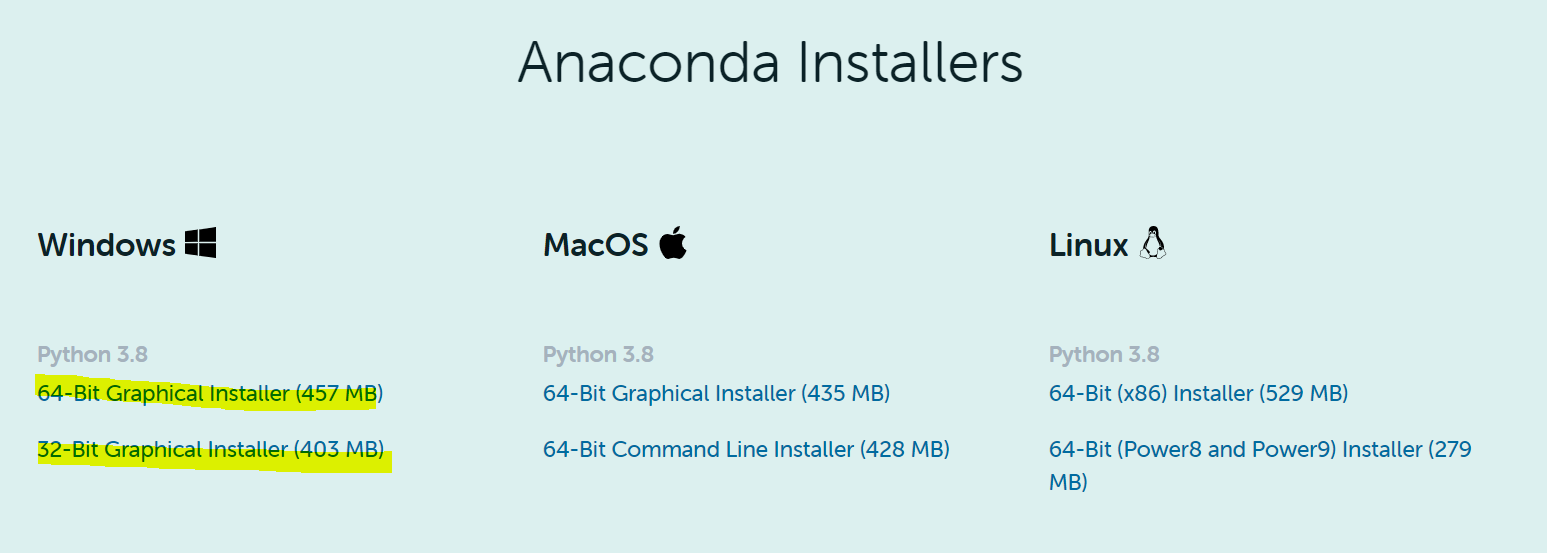
Description automatically generated

**How to install Anaconda (Jupyter Notebook)**

* Go to Anaconda website in <https://www.anaconda.com/products/individual>
* Click on "Download"



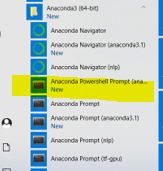
* There are three different OS system. You can choose the one appropriate for your system. On this example, we select “Windows”.



* It will download executable files Anaconda - Anaconda3-2020.11-Windows-x86\_64.exe.
* Open Anaconda executable file and follow the instructions to install Anaconda (Jupyter notebook).



* Once Anaconda is installed, you will see "Anaconda Prompt" application in your computer.



* Click on “Anaconda Prompt”. It will open “Anaconda Prompt” Command line as shown below.
* Change the directory to where your python codes are saved by typing “cd …” and enter it.

Text

Description automatically generated

* Type “jupyter notebook” and enter
* It will open Jupyter notebook in your browser like below.

Graphical user interface, text, application, email

Description automatically generated

**How to download the necessary package.**

Once Anaconda Prompt is installed, you can download Python packages.

For example, type “conda install sas7bdat” on “Anaconda Prompt” command line as shown below.

Type “conda install sas7bdat”

Text

Description automatically generated

Below are the python packages that you need to download.

* (base) C:\Users\kevin>pip install xport==2.0.2
* (base) C:\Users\kevin>conda install sas7bdat
* (base) C:\Users\kevin>pip install pyreadstat
* (base) C:\Users\kevin>conda install pyarrow
* (base) C:\Users\kevin>pip install python-snappy
* (base) C:\Users\kevin>conda install fastparquet