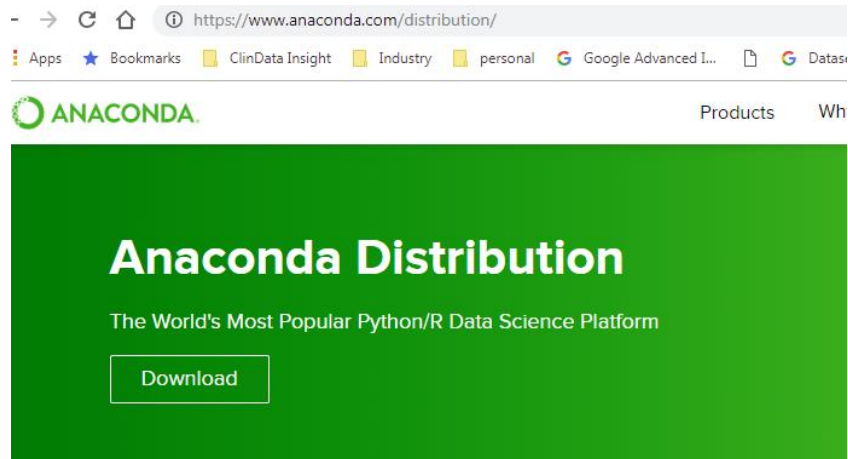
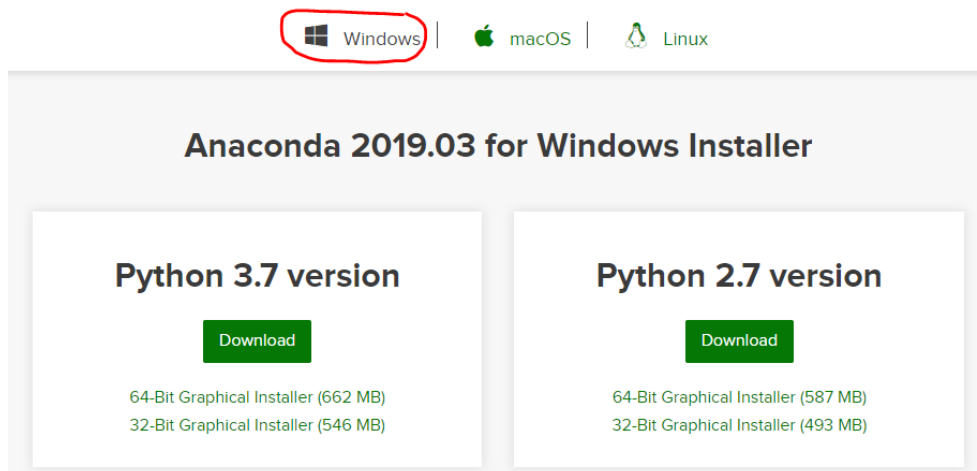


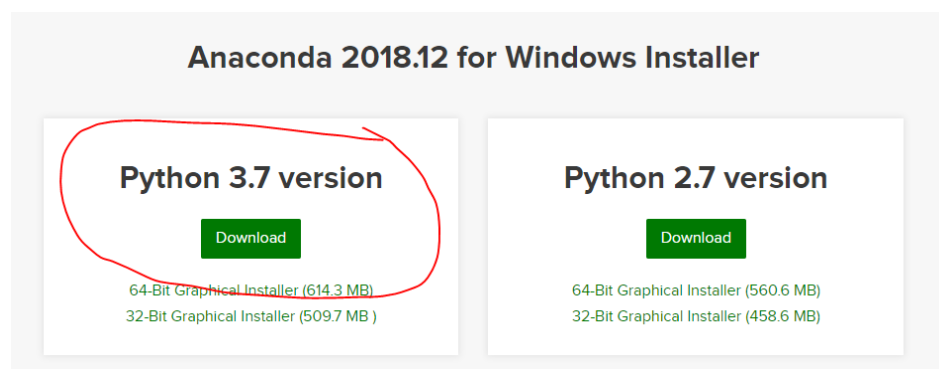
- Go to Anaconda website in <https://www.anaconda.com/distribution/>.
- Click on "Download"



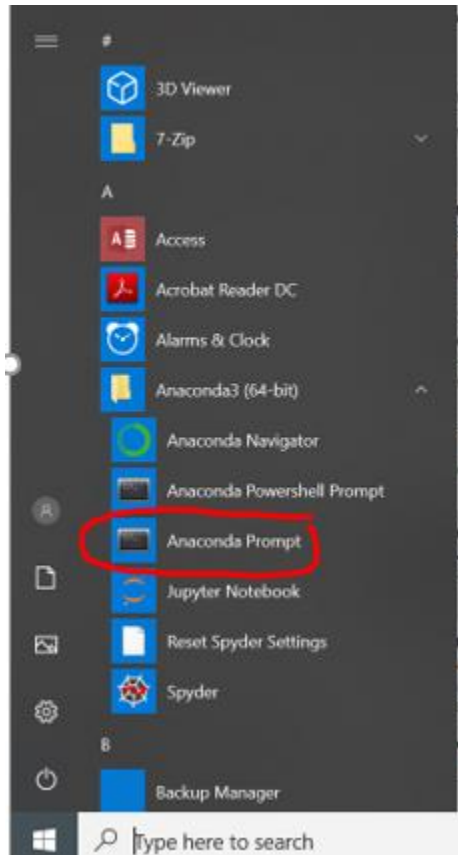
- There are three different OS system. You can choose the one appropriate for your system. On this example, we select "Windows".



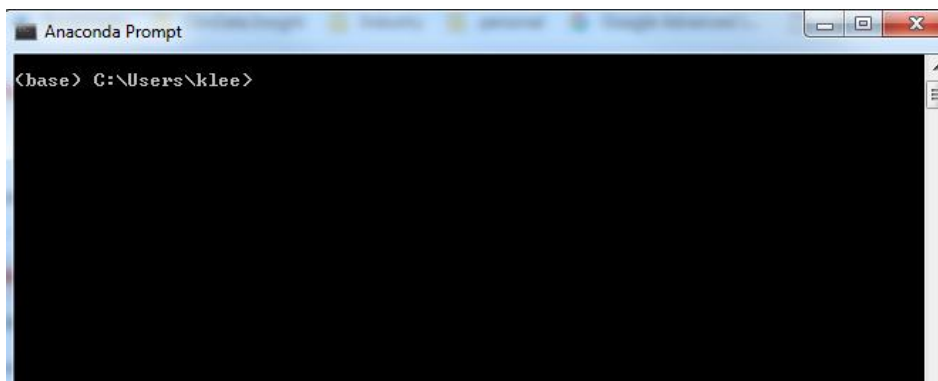
- In next screen, download Python 3.7 version.



- It will download executable files Anaconda - Anaconda3-2018.12-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.

```
Anaconda Prompt
(base) C:\Users\KevinLee>cd C:\zother\training\Python\code
```

- Type “jupyter notebook” and enter

```
Anaconda Prompt
(base) C:\Users\KevinLee>cd C:\zother\training\Python\code
(base) C:\zother\training\Python\code>jupyter notebook
```

- It will open Jupyter notebook in your browser like below.

 jupyter Quit Logout

Files Running Clusters

Select items to perform actions on them. Upload New Refresh

<input type="checkbox"/>	0		Name	Last Modified	File size
<input type="checkbox"/>		data		a month ago	
<input type="checkbox"/>		reference		a month ago	
<input type="checkbox"/>		Basic Python Programming.ipynb		6 months ago	201 kB
<input type="checkbox"/>		ch08 - visualization.ipynb		a year ago	674 kB
<input type="checkbox"/>		Part 1 - Python Variables.ipynb		11 days ago	46.2 kB
<input type="checkbox"/>		Part 2 - Basic Data Wrangling, Functions and Classes.ipynb		6 months ago	186 kB
<input type="checkbox"/>		Part 3 - Numpy and Dataframe.ipynb		6 months ago	282 kB
<input type="checkbox"/>		Part 4 - Reading and writing files.ipynb		6 months ago	290 kB
<input type="checkbox"/>		Part 5 - Advanced Data Analysis.ipynb		6 months ago	58 kB
<input type="checkbox"/>		Part 6 - Data Visualization.ipynb		6 months ago	272 kB

- You can click any program. Here, let’s click on “Part 1 – Python Variables”.

Jupyter Part 1 - Python Variables Last Checkpoint: 11/13/2018 (autosaved) Logout

File Edit View Insert Cell Kernel Widgets Help Not Trusted Python 3

Run

300

400 ← m

```
In [1]: var = 1
var1 = 2
var_1 = 3
_var = 4
var4 = 10
```

```
In [2]: print(var)
print(var1)
print(var_1)
print(_var)
print(var4)
```

```
1
2
3
4
10
```

- Now, you can run your Python Program in Jupyter notebook.

Once Anaconda Prompt is installed, you can download Python Machine Learning Algorithms - keras, tensorflow, sklearn, scipy and scikit-image. For example, type “conda install scikit-image” on “Anaconda Prompt” command line as shown below.

```
Anaconda Prompt
(base) C:\Users\klee>conda install scikit-image
Solving environment: done

## Package Plan ##

  environment location: C:\Users\klee\Anaconda3

added / updated specs:
- scikit-image

The following packages will be downloaded:

package                                     build                                92.3 MB
qt-5.9.7                                   vc14h73c81de_0
libxml2-2.9.9                             h464c3ec_0                          3.5 MB
pycurl-7.43.0.2                           py36h7a1dbc1_0                      182 KB
openssl-1.1.1b                             he774522_0                          5.8 MB
scikit-image-0.14.1                       py36ha925a31_0                     23.2 MB
libssh2-1.8.0                             h7a1dbc1_4                          183 KB
vs2015_runtime-14.15.26706                h3a45250_0                          2.2 MB
krb5-1.16.1                               bc04afaa_2                          819 KB
```

Enjoy Jupyter notebook!!!