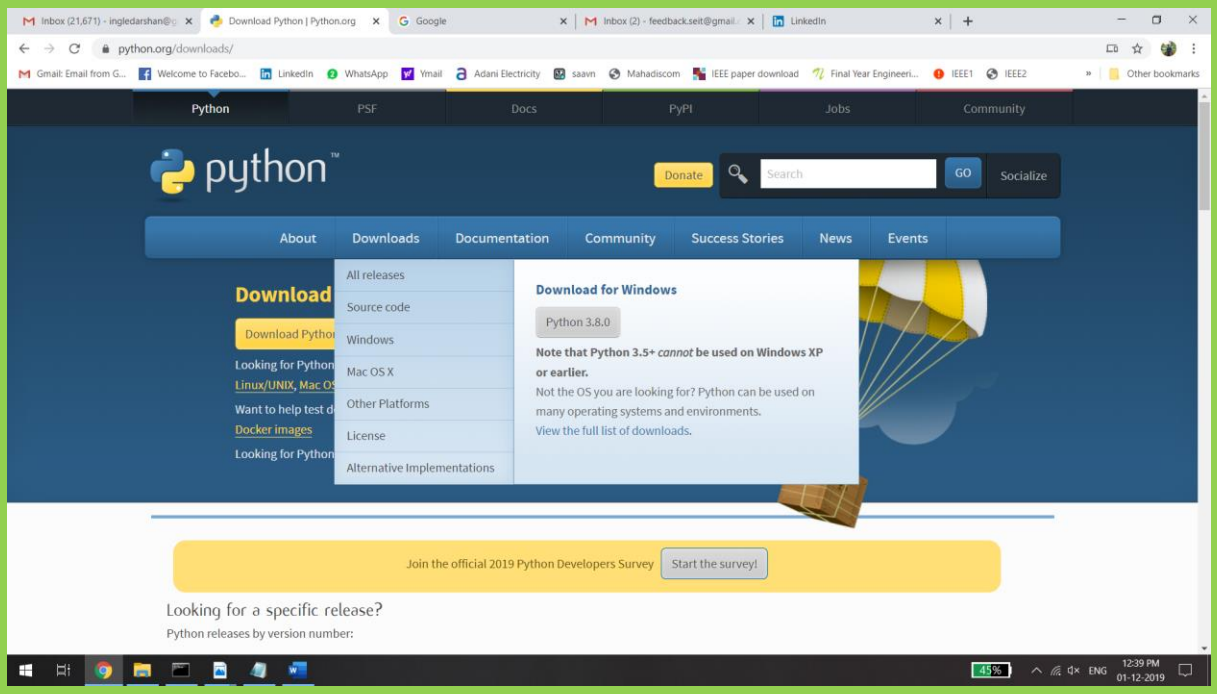
Steps to make your PC quickly ready for Machine Learning Course

A. In case if you are already familiar with Anaconda software and are using it, please keep it aside. It's too heavy. So many packages are never needed.

B. Download Python from this link:
https://www.python.org/downloads/



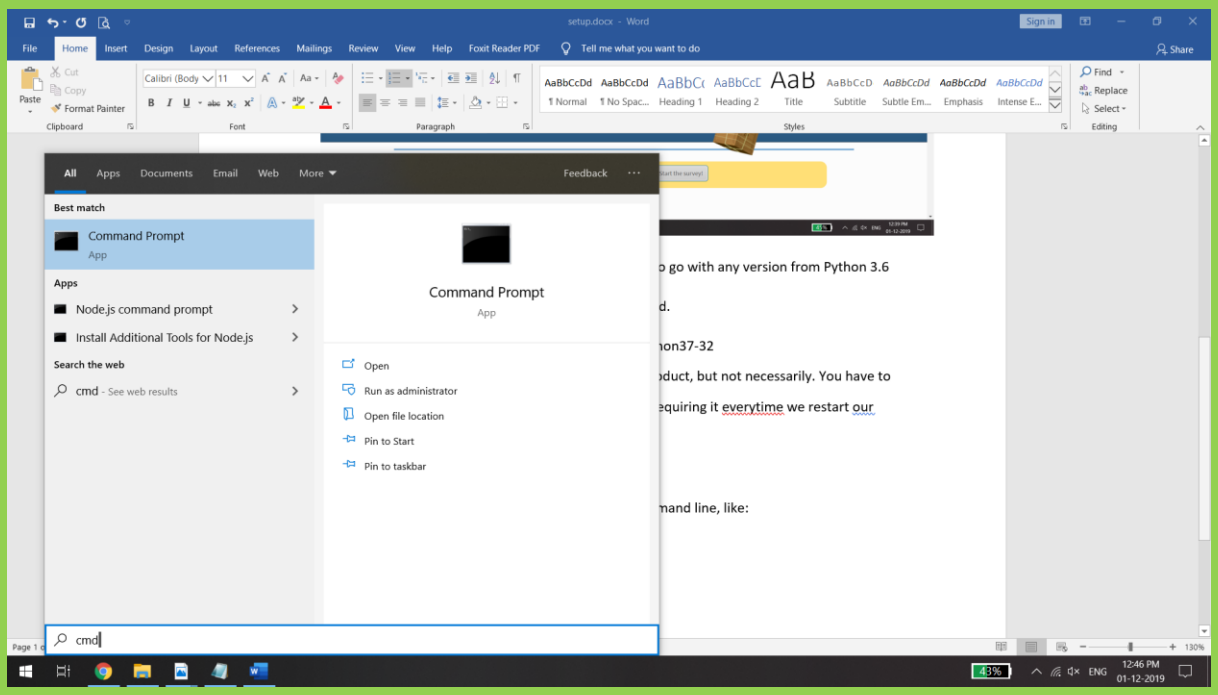
Version 3.8 is the latest version; however, we are good to go with any version from Python 3.6 and higher.

C. Open C drive and check where your python gets installed.
For example, my Path is:
C:\Users\Lenovo\AppData\Local\Programs\Python\Python37-32

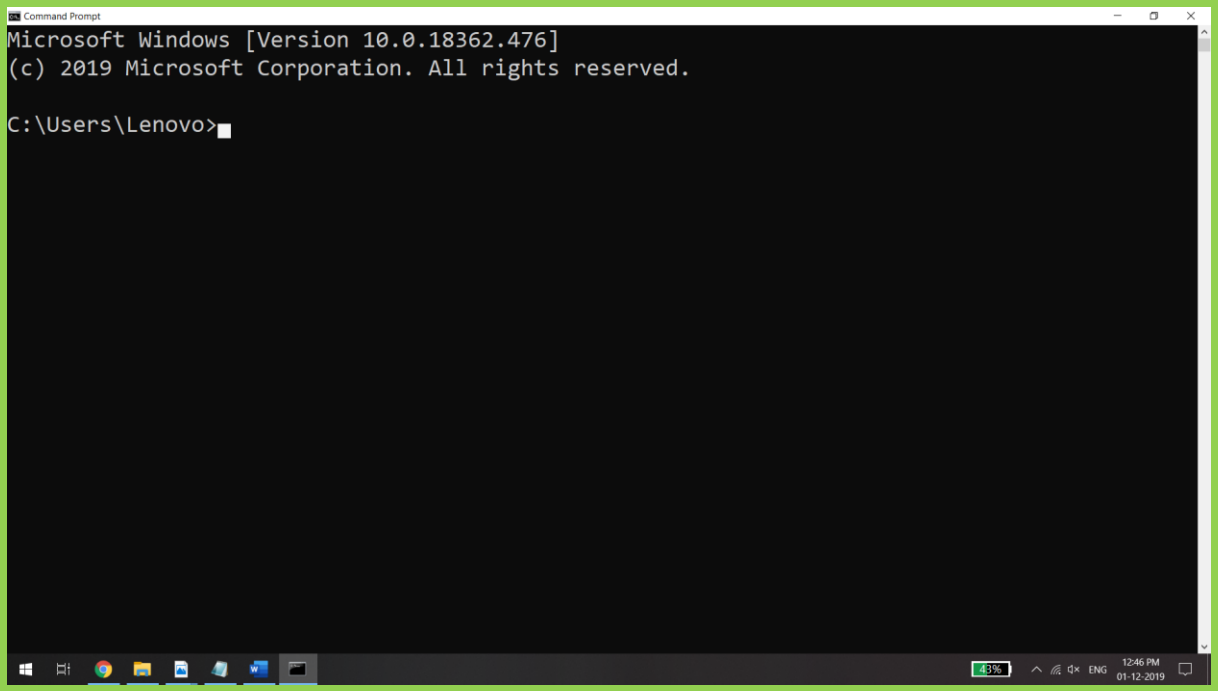
Yours should be similar too if you are using a Lenovo product, but not necessarily. You have to find it out and keep it saved somewhere as we will be requiring it every time, we restart our laptops.

Note: *If you are unable to see AppData, it's because it hidden by default. In this case, goto "View" and check "Hidden items".*

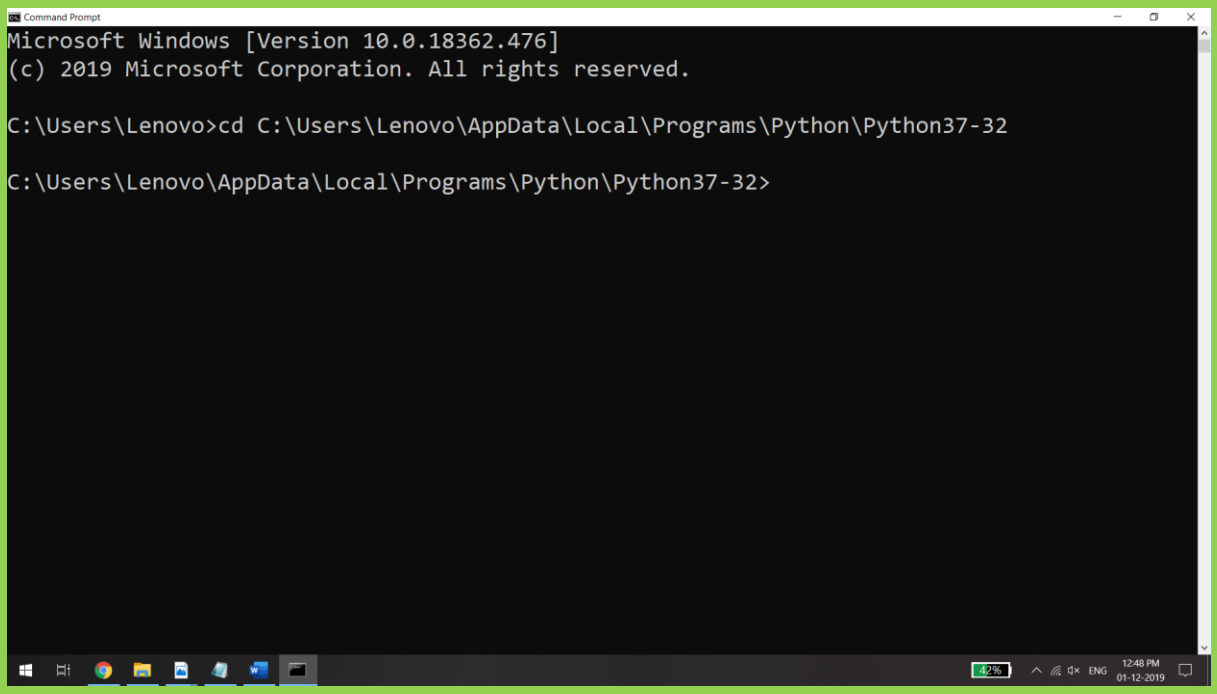
D. After installation, open command prompt.



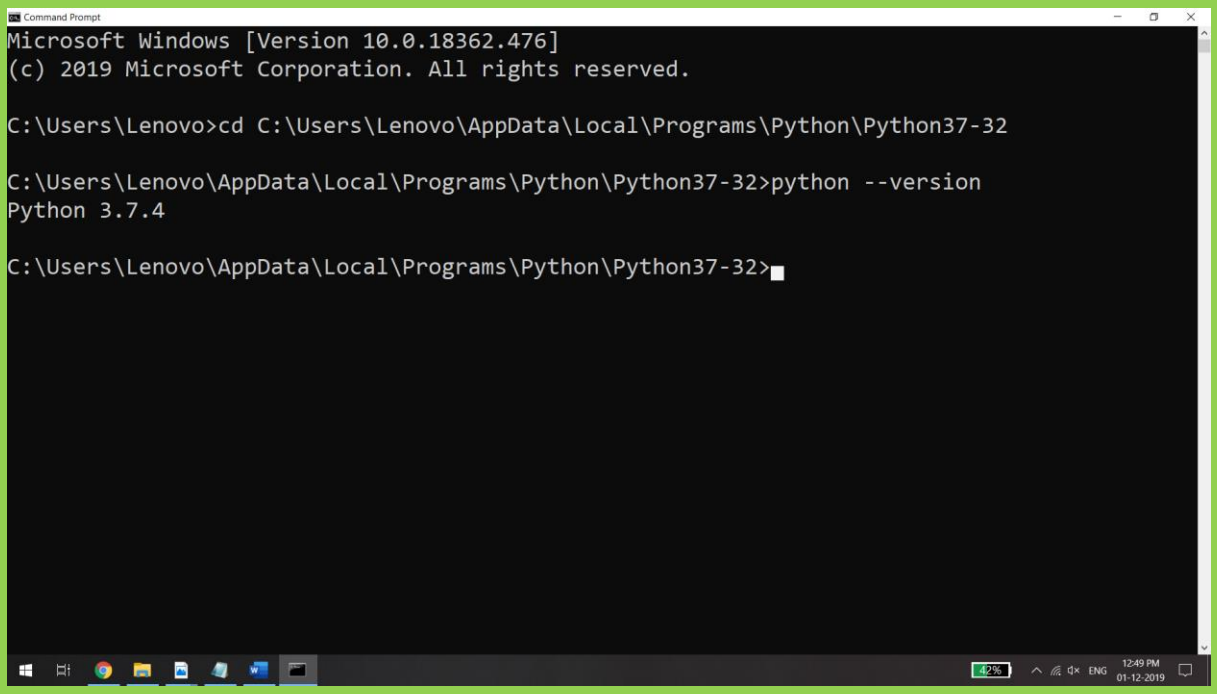
Finally you should see below image:



Now type the following: cd *path_you_copied*
Below image depicts the same:



E. Please ensure you are able to run Python from the command line, like:
python –version



F. Ensure pip, set-up-tools, and wheel are up to date
While pip alone is sufficient to install from pre-built binary archives, up to date copies of the setuptools and wheel projects are useful to ensure you can also install from source archives:

python -m pip install --upgrade pip setuptools wheel

G. Using pip , install the following packages / modules :
pip install pandas
[Word of caution : if you get an error : "pip not recognized as an internal or external command" then pip installer is not installed]
[Solution : do this :
// Installing Pip
python get-pip.py
// Check pip version
pip -V
]

H. Now continue installing all packages/ modules one by one:
   a) pip install sklearn
   b) pip install numpy
   c) pip install warnings
   d) pip install os
   e) pip install datetime
   f) pip install matplotlib
   g) pip install scikit-image
   h) pip install scikit-datasets
   i) pip install scipy
   j) pip install pytz
   k) pip install nltk
   l) pip install seaborn
   m) pip install jupyter

That's it for now, you and your laptop are now ready to learn "Machine Learning using Python".

P.S.:

a. **Don't worry if one of the packages fails to install or you get some warnings. I will clarify it on the 1st day of the Course.**
b. **Some laptops may not work with above setup at all, I would advice in that case to have Anaconda distribution. It can be downloaded from** https://www.anaconda.com/distribution/

Best Luck

Regards,

Dr. Darshan Ingle.