# **Installing Anaconda:**

1. Download latest anaconda for linux from : https://www.anaconda.com/distribution/

(A .sh file will be downloaded)

1. Open terminal and go to the directory where it has been downloaded

(usually its downloaded in Downloads, use command: cd Downloads)

1. When you are in the drectory type

> bash Anaconda3-2019.07-Linux-x86\_64.sh

1. Let it install and do the needful during the process

Once done exit the terminal and open again. To check your installation do

> conda list

It should list some packages and there should be a base beside your username

1. Go to bash rc and you will get something like this added by anaconda  
     
   \_\_conda\_setup="$('/home/sarthak/anaconda3/bin/conda' 'shell.bash' 'hook' 2> /dev/null)"

if [ $? -eq 0 ]; then

eval "$\_\_conda\_setup"

else

if [ -f "/home/sarthak/anaconda3/etc/profile.d/conda.sh" ]; then

. "/home/sarthak/anaconda3/etc/profile.d/conda.sh"

else

export PATH="/home/sarthak/anaconda3/bin:$PATH"

fi

fi

unset \_\_conda\_setup

**NOTE: When you don't want to use anaconda comment the above present in bash rc and when you save and source the bash you will see that base is not there.**

# **Making an environment:**

> conda create -n DL python=3.6 anaconda

To activate it

> conda activate DL

To deactivate it

> conda deactivate

# **Installing Keras and Pytorch(GPU):**

For installing keras supporting GPU

> conda install keras-gpu

For cpu

> conda install keras

For installing pytorch supporting gpu

> conda install -c pytorch pytorch

For installing cpu version

> conda install pytorch