Prerequisite:

1. Laptop
2. Download files from here [Deep Learning Workshop](#)
3. Internet

Required Softwares:

1. Python 3.7
2. Anaconda for Python 3.7
3. Jupyter notebook (comes along with Anaconda)
4. PyTorch

Study Following Topics:

1. Basic definition of Artificial Intelligence, Machine Learning & Deep Learning
2. Difference between above 3 topics
3. What is Neural Network
4. Applications of Deep Learning
5. Revise all the topics Mam Maryam Feroze has covered in class

Installation Guide:

Python:

https://www.python.org/downloads/

Anaconda:

Follow the procedure as described here
https://docs.anaconda.com/anaconda/install/windows/ - For Windows
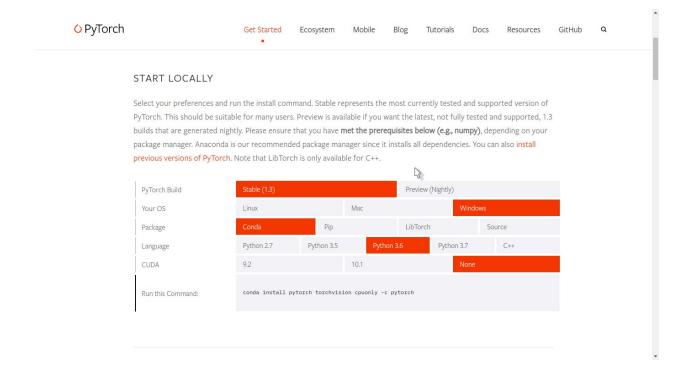https://docs.anaconda.com/anaconda/install/linux/ - For Linux

After installing Anaconda, go to start menu and open *Anaconda Navigator.*
There you will see jupyter notebook is already installed. If not, then install it.

PyTorch:

https://pytorch.org/get-started/locally/

Windows users download with following configuration

Ubuntu users download it from here

https://ubuntu.com/download/desktop