

Required Libraries:

(please install any more that are in the assignments but may have not been mentioned in here explicitly)

- Torch
- Torchvision
- Numpy
- Pandas
- Matplotlib
- Random
- Math
- ImageFolder
- datasets

Download the below Datasets:

Download this dataset: <https://www.cs.toronto.edu/~kriz/cifar-10-python.tar.gz>

Download this dataset: [https://git-disl.github.io/GTDLBench/datasets/mnist\\_datasets/](https://git-disl.github.io/GTDLBench/datasets/mnist_datasets/)