README

TO RUN:

\$ python3 nn.py train.csv test.csv

Fig 1: Interactive module of neural networks

- Model is made interactive, before running the train module will ask all the network configuration related queries, like number of layers and hidden units on each layer.
- For **Task -2**: Just enter the network configuration accordingly and put lambda = 0 (**NO REGULARIZATION**)
- For Task 3: when asked to whether you want to decayv learning rate, choose TRUE (See Fig1)
- For **Task-3**: Tabel data, vary learning rate and lambda and also the network configuration accordingly to see the reported result.
- For **Task-4**: choose from the different activation functions given. Put the choice as **number given**. (See **Fig1**)
- For **Task-5**: Dropout method is implemented, for which dropout percentage should be provided.
 - **NOTE:** Choose Dropout percentage accordingly wisely as too much dropout can lead to poor result.