1) Define your Neural Net class NyNN - Give number of input layer elements as imput - Choose your number of hidden layers - Choose the number of neurons per hidden layer - Choose your actuation functions - Give the number of neurons to output layer/give st an actuation function - You can use a specific (like Xarier) mittalizer for the weights/biases. D-Read/Preprocess your data and convert it to a numerical/ tabular format -Diride your tabular data (natrix or dataframe) into 3 parts: training / validation / test sets.

(Can do normalization / scaling here) - Define: batch-size, learning rate, number of epochs, patience of using Early stopping.

- Decide on your Loss & Optimizer methods - Training / validation (with Early stopping) Huis roys, do learnie meights for each epoch for each training batch feed the batch to model (gradrent computation is give loss to optimizer - does the weight updating through bachpropagation compute/report the areage training loss of this epoch disabled the model from bachpropagatory so it non-t learn from validation set. food batch to model General the loss, collect them compute / report the average validation lass of this epoch collect the "patience" number of past and current validation loss. If new lass is not less that the saved others, step the epoch loop, return the model. Training is done. Otherwise, continue the epochs. Now, the model is ready. Try it on the test set to see how well it generalizes.