

Homework 6

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1 Bonus 15

We use a predict probability method to predict the output from the activation function. Then we use certain threshold value to convert those to class. For example if we would use sigmoid we would take 0.5 as threshold. If it is below 0.5 we would say it is 0 else it would be 1. Same thing goes for Tanh. A certain threshold value will be used to convert those probability to classes. We usually use softmax to find out the probability for falling into certain classes if it is not binary classification.