Quiz 6

Total points 85/100

The respondent's email (**irfan.ahmed@stonybrook.edu**) was recorded on submission of this form.

✓ Pytorch uses static computation graphs, while Tensorflow uses dynamic computation graphs   10/10

○ True

◉ False   ✓

✓ Backpropagation does not work when different layers of the networks share some common parameters   15/15

○ True

◉ False   ✓

✓ A neural network with a single perceptron is equivalent to the logistic regression function   15/15

◉ True   ✓

○ False

✓ We can use a single perceptron to represent the XOR function   15/15

○ True

◉ False   ✓

✓ A kernel SVM can be viewed as a neural network with one hidden layer   15/15

◉ True   ✓

○ False

✓ To implement a neural network layer, we only need to implement two   15/15
   functions: forward and backward

◉ True   ✓

○ False

✗ We can use a single perceptron to represent the minority function   0/15

○ True

◉ False   ✗

Correct answer

◉ True

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