Problem 3 comments

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0.1 Problem 3 (Logistic R) comment

- Changed the batch_size of trainset(trainloader) as 784.
- Used Binary Classification Error Loss (BCELoss) as the criterion
- Used SGD as the optimizer (learning_rate(lr) is set to 0.01. If learning rate is set to the higher or lower than 0.01, the accuracy is getting worse than 92~93%).
- Epoch is set to 100. I tried from 2 to 100,000, but 100 or 1,000 gives the similar result, and otherwise gives worse results.

0.2 Problem 3 (SVM) comment

- Changed the batch_size of trainset(trainloader) as 784
- Used Cross Entropy Loss as the criterion
- Used SGD as the optimizer (learning_rate(lr) is set to 0.01. If the learning rate is set to the higher or lower than 0.01, the accuracy is getting worse than 93~92%).
- Tested Adam as the optimizer, but the performance is not getting enhanced although the speed is better).
- Epoch is set to 1000. I tried from 2 to 100,000, but higher or lower epochs give the worse results. Epoch 100 seems to give the similar performance, but slightly lower than 1000 epochs.