

## Report :: TIPS Assignment – III

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All Tasks are done for both parts. The relevant plots can be found in output\_plots except task 7.

Task 7:- For Fashion MNIST, Simple Neural Network performs comparatively good, i.e. it is able to learn the patterns very well and thus we got good testing accuracy.

For CIFAR-10, Neural Network gave me around 54% accuracy on testing set even after 1000 epochs. So can conclude that Neural network was not able to capture the patterns well.