

Report - Assignment Lab 4

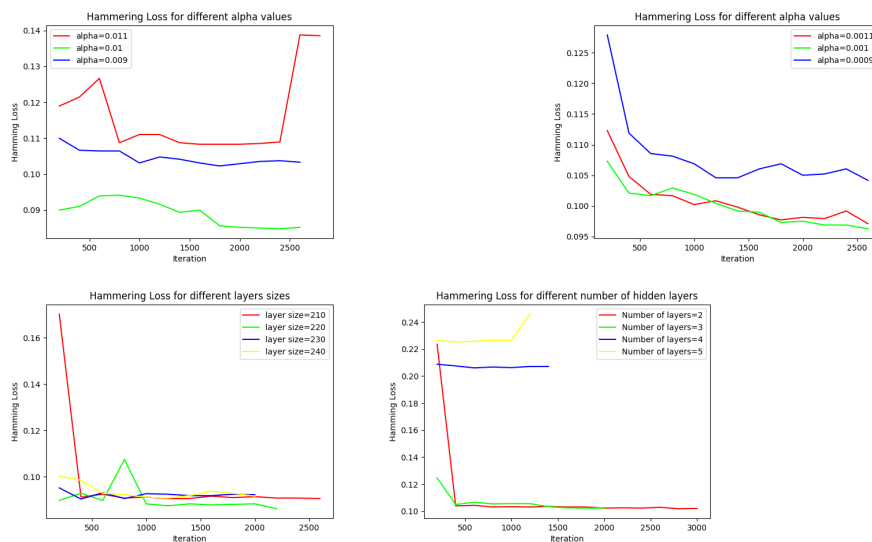
Lotfi Kobrosly

November 5th, 2018

This report is my attempt to answer the Assignment of Lab 4 concerning TensorFlow and Neural Networks. I appologize for the late submission due to several reasons.

Answers to the questions

The first two figures show the influence of the value of alpha and it is then better to keep alpha=0,01



Number of Layers	Overfitting
1	0.1618
2	0.0047
3	0.0069

Classifier	Running time (ms)
My Neural Network	58.7005
OneVsRestClassifier	1.45626
ClassifierChain	1.16820
KNeighborsClassifier	0.47903
DecisionTreeClassifier	0.39743