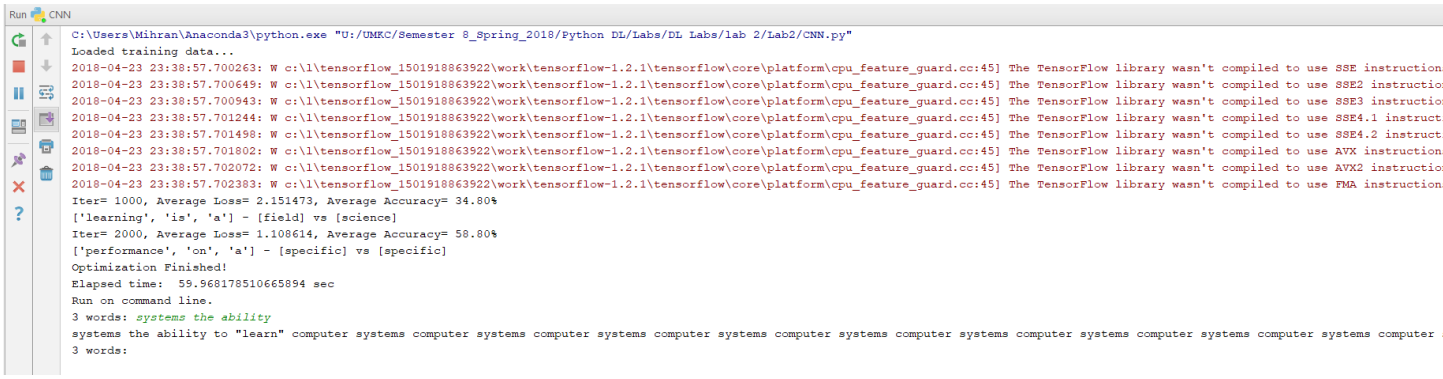
DL Lab 2 Solution

April 23, 2018

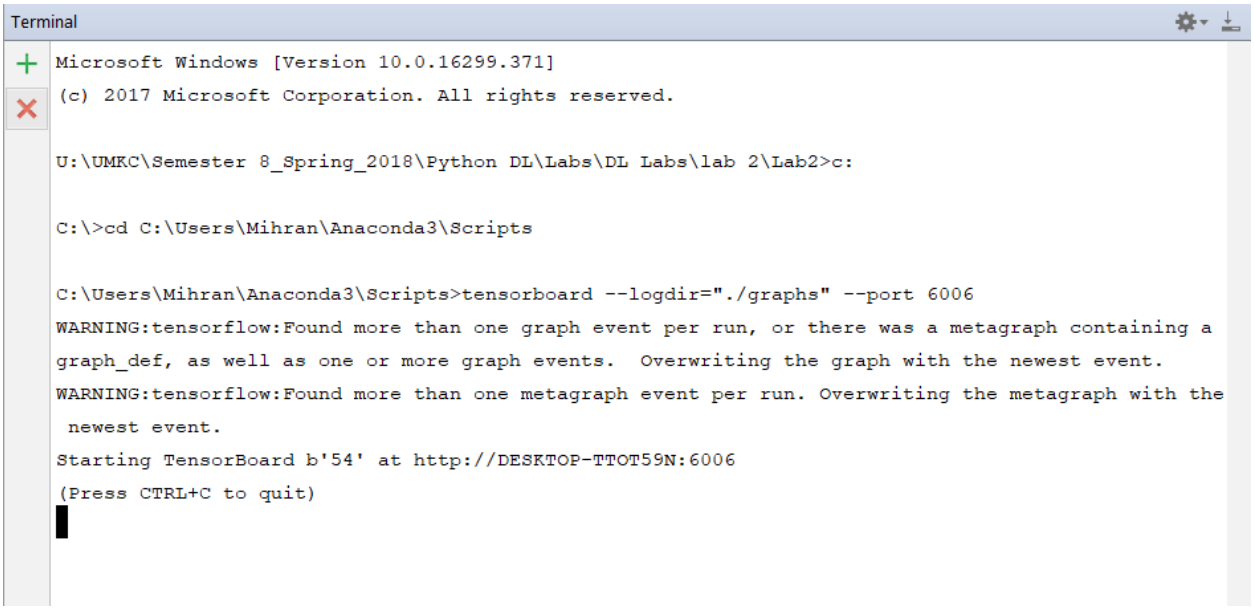
Implementing text classification:

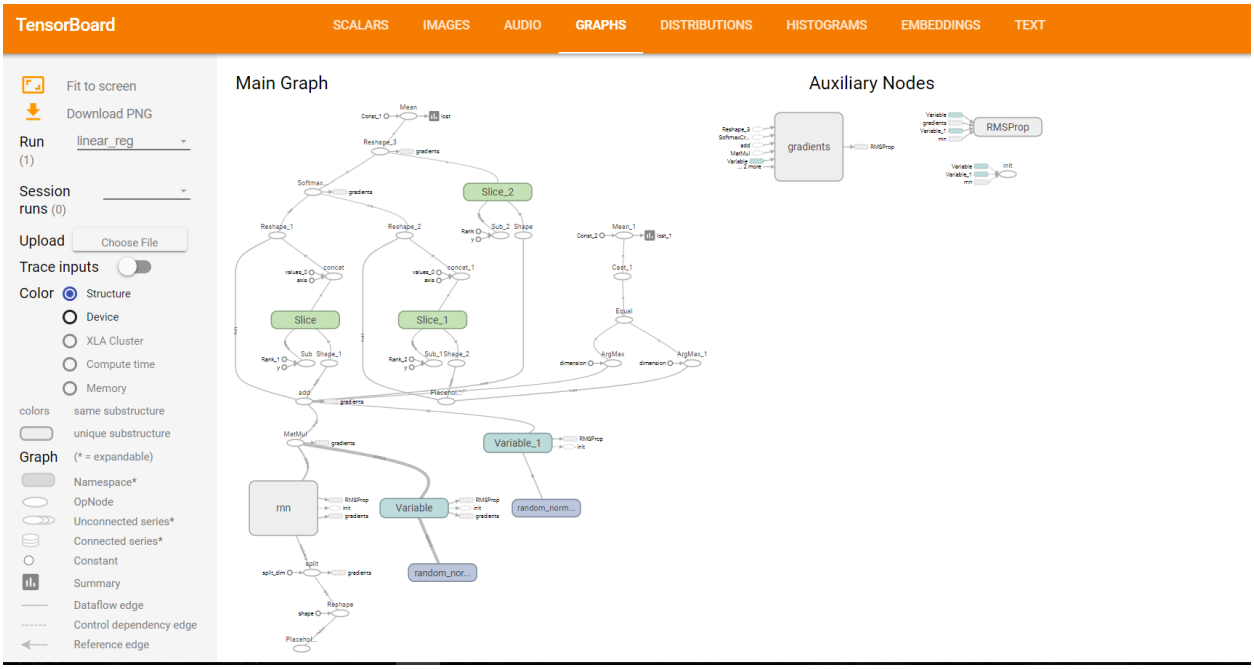
Text file: Machine learning is a field of computer science that uses statistical techniques to give computer systems the ability to "learn" (i.e., progressively improve performance on a specific task) with data, without being explicitly programmed.

Output:



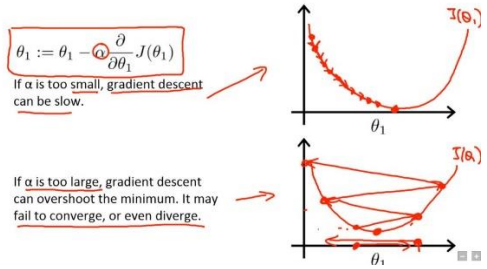
Graph in TensorBoard





Change the hyperparameter:

- Learning Rate is inversely proportional to accuracy.



[link: https://towardsdatascience.com/estimating-optimal-learning-rate-for-a-deep-neural-network-ce32f2556ce0]

- Iteration should increase accuracy but according to the data set. if data set is big accuracy will be better with more iteration, but it will take long time.
- More input will be more accurate but it also depends on the data set.