

2016/4/21

Weekly Report

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IMDb Dataset

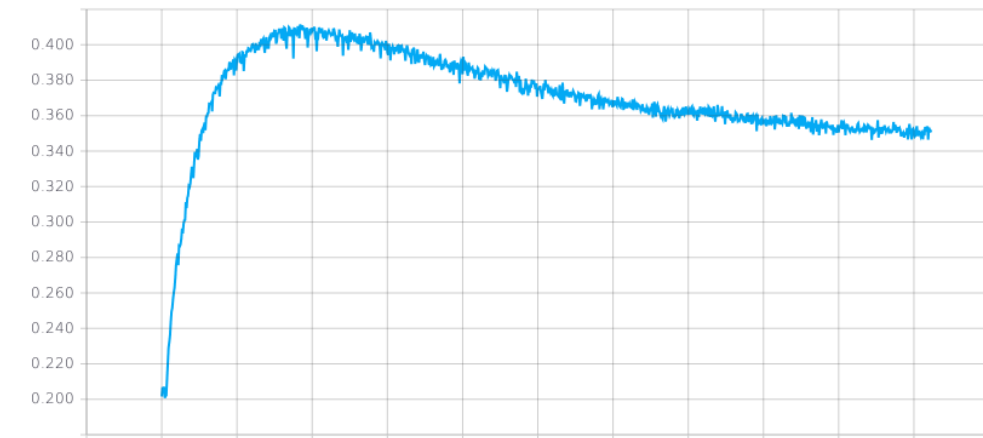
- Movie reviews
- Average length of documents: 1310 letters
- Pos data: 25'000
- Neg data: 25'000
- Link:
http://ai.stanford.edu/~amaas/data/sentiment/aclImdb_v1.tar.gz

Multi-class IMDB

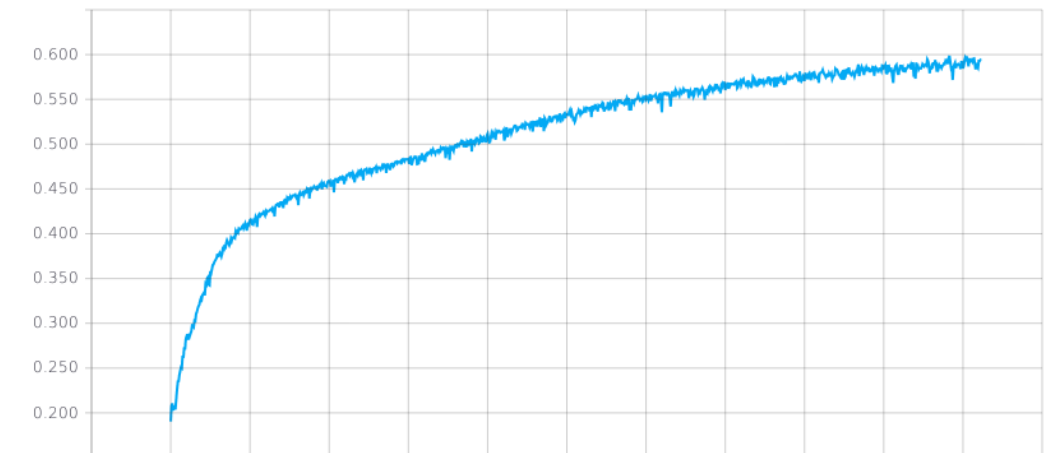
- Hyper parameters
 - Character embedding size: 64
 - Document embedding size: 32
 - Hidden layer size: 64
 - Dropout probability: 0.5
 - L2 regularization scale: $1e-6$
 - Context vector size: 16

Multi-class IMDb

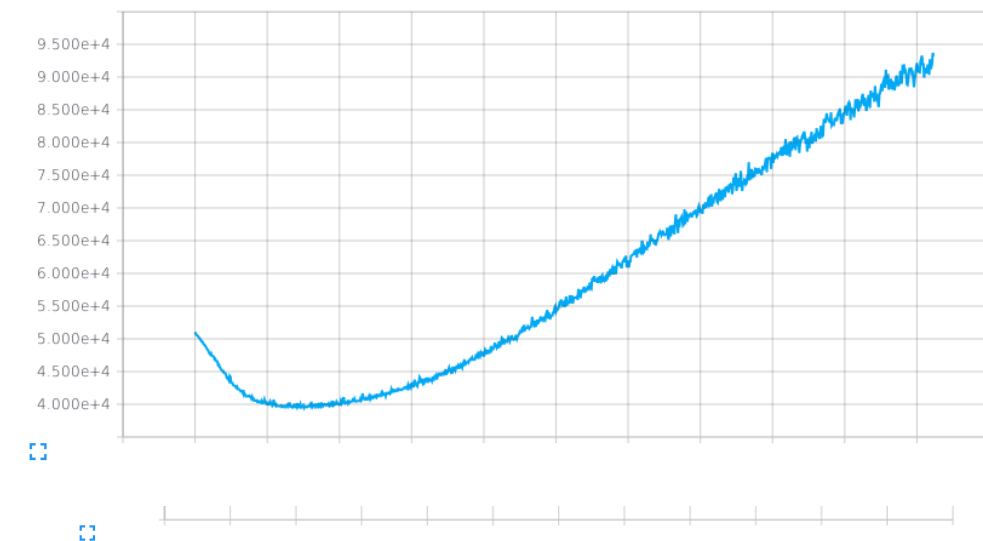
test_accuracy



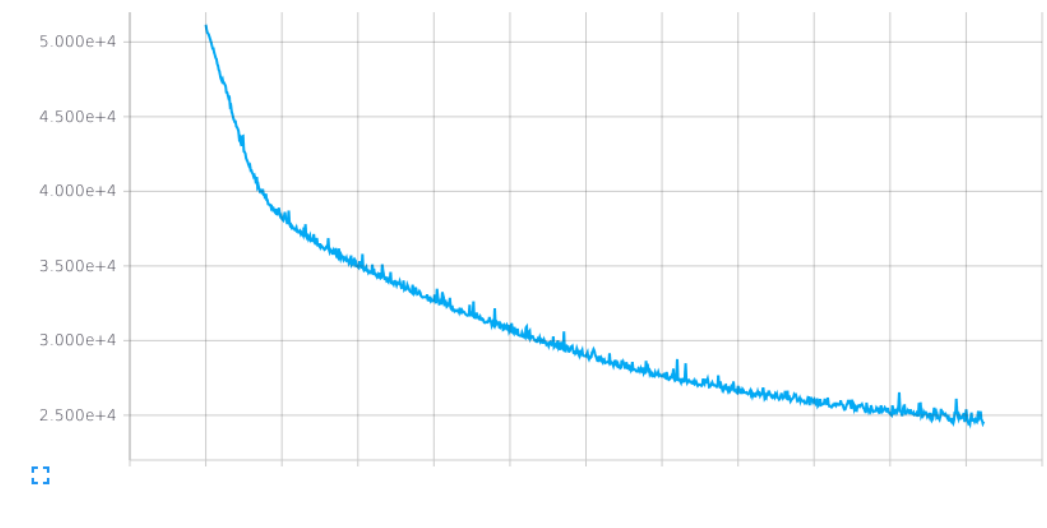
train_accuracy



test_loss



train_loss

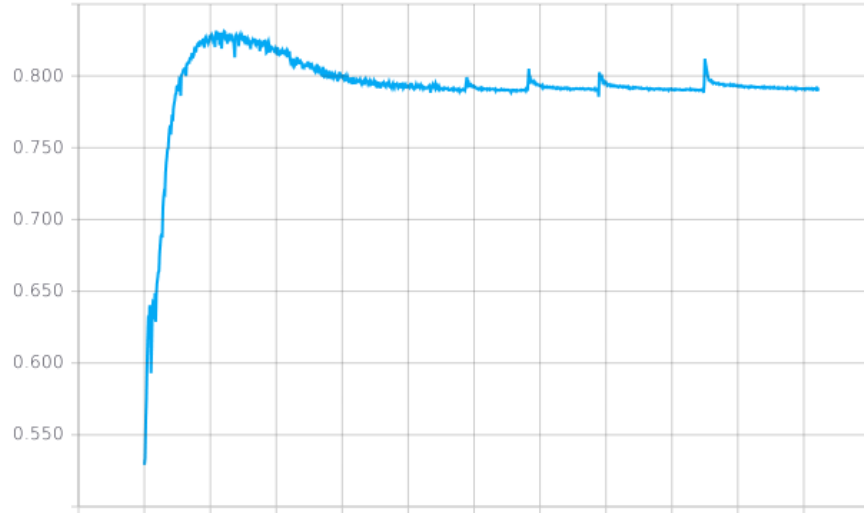


Binary IMDb

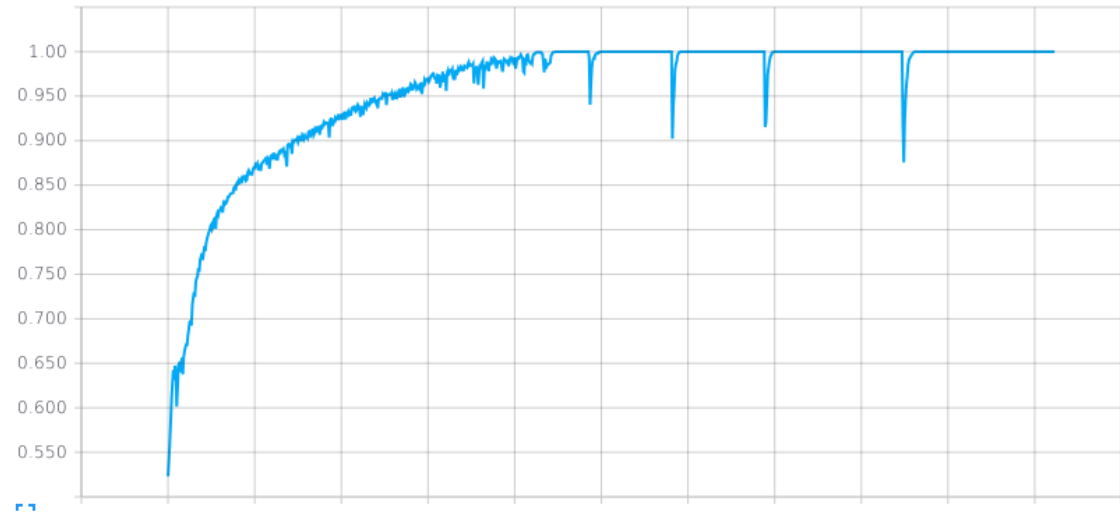
- Hyper parameters
 - same as the multi-class one

Binary IMDb

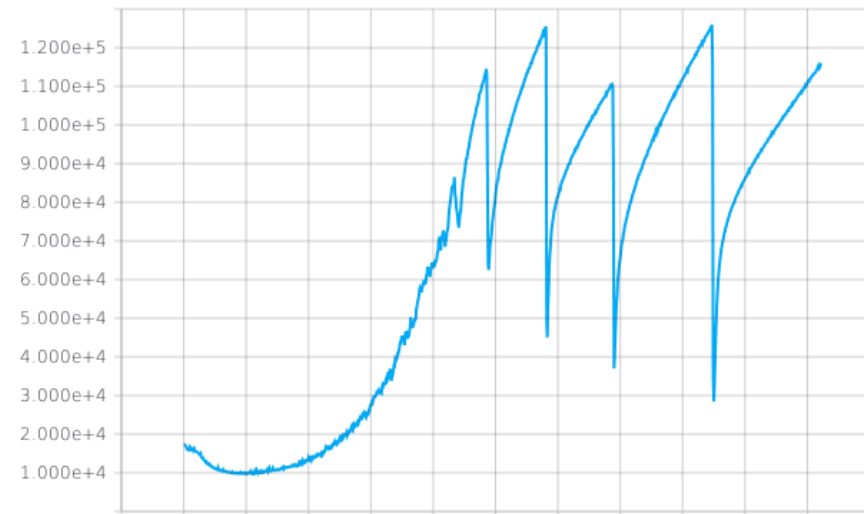
test_accuracy



train_accuracy



test_loss



train_loss

