Submission Homework 1

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0. Sentiment Classification Task and Dataset

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1: Naive Perceptron Baseline

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2: Average Perceptron and Vocabulary Pruning

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3: Pruning the Vocabulary

1. Averaged Perceptron with one-count word pruning:
   ```
   (base) rusty@Rashmis-MacBook-Pro hw4-data % python3 train.py train.txt dev.txt
   epoch 1, update 39.0%, dev 31.6%
   epoch 2, update 26.4%, dev 27.5%
   epoch 3, update 22.8%, dev 26.8%
   epoch 4, update 18.8%, dev 26.6%
   epoch 5, update 17.2%, dev 25.9%
   epoch 6, update 14.8%, dev 26.5%
   epoch 7, update 13.2%, dev 27.0%
   epoch 8, update 12.7%, dev 26.7%
   epoch 9, update 11.4%, dev 26.6%
   epoch 10, update 10.6%, dev 26.2%
   best dev err 25.9%, |w|=9363, time: 0.9 secs
   ```

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4: Other learning algorithms with sklearn

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5: Deployment

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Debriefing

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