CSE 447: A1
Eric Boris: 1976637
Collaborators: Allyson Ely, Ardi Madadi

1. Results

Below are listed the results of one particular run of the Sentiment Lexicon classifier and the Logistic Regression Classifier. Over many runs, the Accuracy and F1 scores on the Sentiment Lexicon and Logistic Regression classifiers hover around 70% and 80%, respectively.

Sentiment Lexicon

- Accuracy: 0.7425

- F1: 0.7379

Logistic Regression

- Accuracy: 0.8025

- F1: 0.8256

2. Collaboration

- Pros and cons of randomization strategies.

- Pros and cons of writing files to disk vs reading from memory.

- Interpreting the secture slides for gradient descent

- Discussing feature scaling approaches.

- Discussing pros and cons of vector vs iterative approach.

- Discussing effects of different upper bounds on scaled features.

- Discussing pros and cons of learning rate values.

- Pros and cons of different features and feature sizes.

- Discussed getting accuracy and F1 from vectors.

- Discussed dangers of 0's in features.