



Twitter Sentiment Analysis

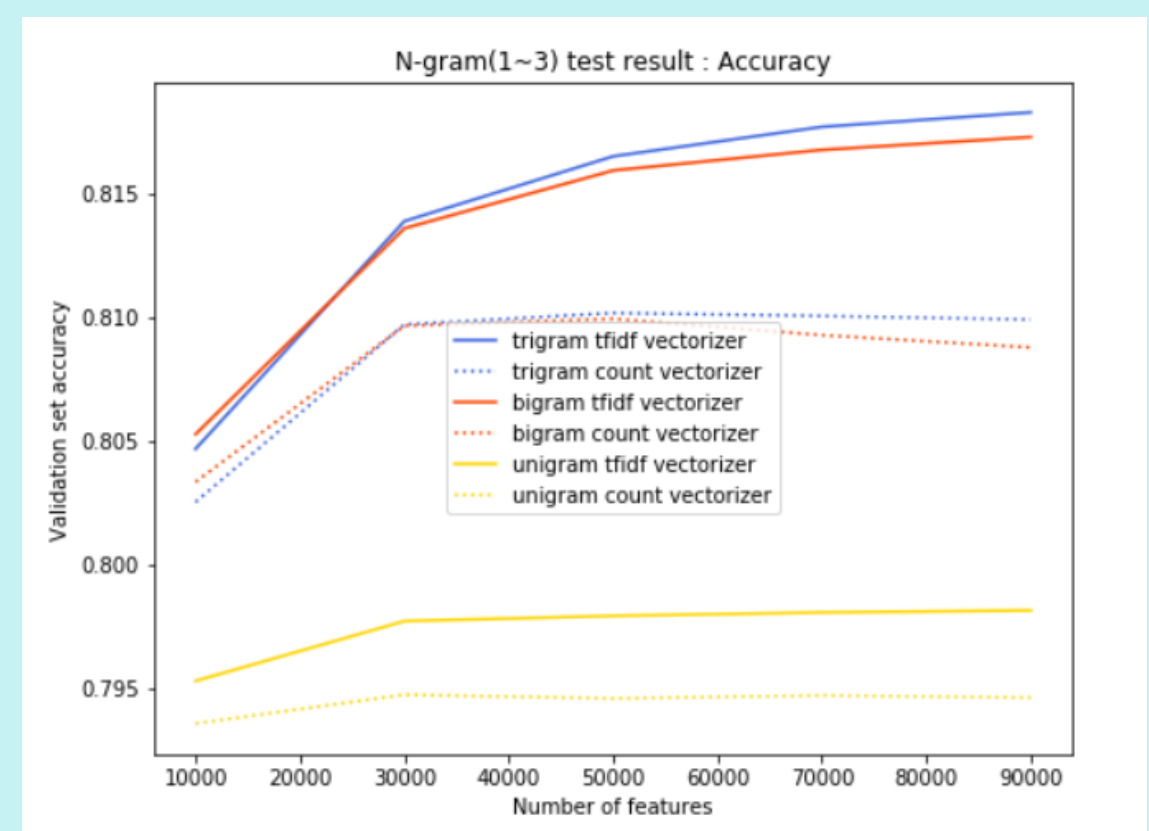
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1. Data preparation

Dataset: Sentiment140

HTML decoding, dealing with @mention, dealing with URL links, BOM removing, removing non-numeric values, casting to lower-case, negation handling, tokenizing and joining

2. Feature Selection



3. Using Twitter Streaming API

Twitter Streaming API allows to set search parameters and receive appropriate results. I got 320 tweets about Ukraine.

4. Predicting Polarities of Tweets

I used logistic regression to train the model and then predicted polarity of received tweets. Experiment showed that 87% of tweets are positive and only 13% - negative.



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