**Chapter 6**

**Implementation**

* Updated the existing algorithm.
* Flag any word to the left and right of a negation term (ie, put an exclamation point in front of any word next to “not” or “never” or similar; this turns that word into a different, negatively-connated word as far as Bayes is concerned. “great” becomes distinct from “!great”, which implies “not great”.)
* Deal with rare tokens by pulling them towards 50% “wordicity” (a term I use in the Bayes article) with a weight of 3 (i.e., words we’ve seen fewer times are forced closer to 50%, because we don’t trust them as much).
* Only label a document if we determine the probability to be 85% or greater.
* Updated and improving the dataset (positive, negative and neutral) for better accuracy of acquired data.