Homework 3 Proposal

GOAL: Determine whether or not there is a significant difference the opinion strength of men vs women

Stronger opinion meaning whether or not it tends toward a high negative or high positive rather than remaining neutral

Methods:

Calculating the average opinion strength based off of sentiment of the topic and the strength of the words used and maybe even how much they talk about it

Looking at topics:

Identifying topics and following the conversation around them

Identifying the person’s responses to the topic and keeping track of them

Resolving ambiguity on what adjectives/nouns are used with which topic

If a person dwells on a topic it might indicate a stronger opinion

Opinions

Sentiment analysis on the words a person uses with the topic

Finding the average opinion strength of each gender and seeing if there is a significant difference

Data to use:

Chat log data sets

The tweets data set

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