CS410 Project Progress Report

Tasks completed:

- Exploratory data analysis
- Analyzed distribution of words/data
- Cleaned data
- Split data into test and training set
- We plan on developing a bidirectional RNN to analyze the fakeness of news articles, and have discussed other RNN methods such as GRU

Tasks remaining:

- Develop RNN models and its variations
- Analyze model results/ conclusions
- Develop application to use the model
  - We plan on creating a simple website to let users enter news articles and we will return the fakeness of the news article

Challenges:

- Finding a good embedding layer for the training words in the data to use in the RNN model.
- We studied and analyzed Word2vec as an option.