1. Preprocessing (loading the data, tokenizing, removing irrelevant): Karina
    a. Corresponds to objective 1
    b. Input: 2 datasets
    c. Ouput: For each records, an array that represents the text and label(is fake news or not).
    d. For the array, you can convert each word to simpler version of that word (walking => walk) or you can conver them to numeric.
2. Apriori + some ways to run sample input: Cristian
    a. Corresponds to objective 2
    b. For Apriori, the outputs are support + confidence level for each rule that you found. The threshold can be found in the project proposal
    c. some ways to run sample input
        i. For a text "Trump is winning the election", you should output which rules it satisfies and whether it is fake news or not according to apriori
3. Research about text mining technique + run our dataset on them: Sebastian
    a. Corresponds to objective 3
    b. Look at other approaches that people have used to mine text patterns for fake news.
    c. Run other people's approaches on our datasets. You just need to give me the list of rules that they output (possibly ordered by confidence level).
4. Visualization + compare the results: Max
    a. Corresponds to objective 3 + 4
    b. I will compare the output of our apriori against what Sebastian found in #3. I will also add analysis regarding the benefits + shortcomings of Apriori. In short, I will write the Result + Discussion portion of the paper.
    c. I will also do the visualization.
5. Powerpoint + paper write-up: Jackson
    a. Corresponds to ~~(unspoken)~~ unnamed objective.
    b. Jackson will do the majority of the writing. After you finish your section, please put a list of what you do and your approaches. It can be in bullet-point format. Jackson will go in and do most of the writing.
    c. We can copy some parts of the proposal to our paper write-up. We may use Latex for this. I will talk with the professor to see if he has any preferences.
    d. Powerpoint is due at 8am on the presentation day.

Karina and Sebastian can start right away.

Cristian needs to wait for Karina for input, but you can start with Apriori structure.

Max will wait for Sebastian and start working on the visualization layout.

Jackson can start with adding materials from the proposal to the paper and slowly write more as each objective completes.