

# Elections in Brazil - 2nd Round

*We know whom you will vote, before you know...*

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# Outline

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# Problem Statement

- Elections time in Brazil

What patterns do the polls show to be similar with the voting preference, and sentimental analysis in twitter?



Presidential Candidates

Source: Globo.com

# Hypothesis

“On Facebook, only with the 1st round, the country surpasses record regarding an electoral process that was India.” (Meio&Message)

“The last debate in the first round was made on Globo last month, and it yielded a record within the Twitter data analysis to elections. About 3.1 million tweets used the hashtag #DebateNaGlobo.”(Globo)

With so much data circulating on twitter during elections in Brazil, we could predict some patterns of the following polls based on sentimental analysis of tweets during debates.

# Data Set

- Tweets obtained during debates on the TV.
- Tweets obtained with specific hashtags during the week (mainly the following days after the debates).
- Tweets from selected and influential users (Too difficult to get 3.1 million tweets with the API)



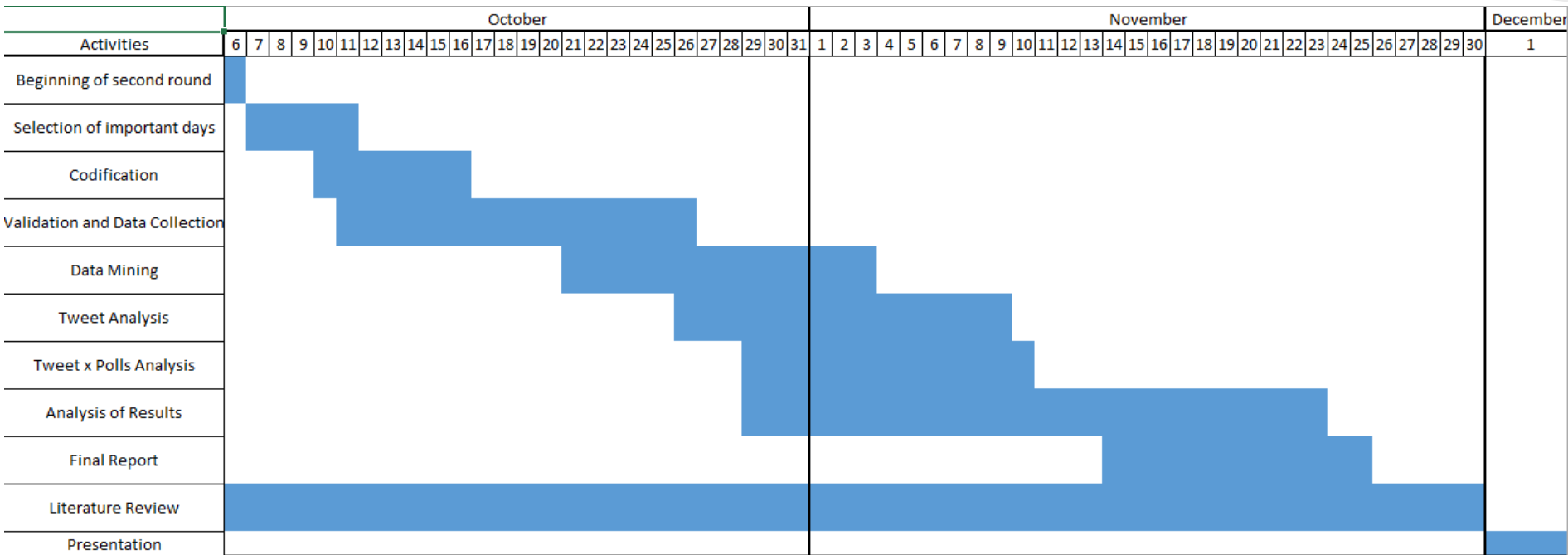
# Methodology

- Develop functions to retrieve tweets from influential users, and validate the algorithms;
- Run the functions in the selected days of debates on TV, and in the following days after them;
- Validation of selected data;
- Check possibly patterns and sentimental analysis from twitter between the debates and following polls.

# Related Work

- “I Wanted to Predict Elections with Twitter and all I got was this Lousy Paper” (Gayo-Avello D.)
- “On the Predictability of Search Trends” (Shimshoni, Y.; Efron, Niv.; Matias, Y.)
- “Predicting the Present with Google Trends” (Hyunyoung, C; Hal, V.)
- “Facebook, Twitter election results prove remarkably accurate” (Carr, A.)
- “Limits of Electoral Predictions Using Twitter” (Gayo-Avello, D.; Metaxas P. T.; Mustafaraj E.)
- “A Comparison of the Voting Preferences of Likely Voters and Likely Nonvoters” (Perry B.)
- “How (not) to predict elections” (Panagiotis T, Mustafaraj E.)

# Timeline







Questions?