**Twitter Election Party Sentiment Tracker**

**Description:** Using real time (streaming) Twitter data to track sentiment of the different riding/areas in Canada

\*Since the election is over, we will have to get data from a certain time frame ex. 3 months leading up to the election

**Data Mining Process**

Query by:

1. Country being Canada
2. Then split up into province
3. The find area/sections for ridings
4. At this point we need to categorize if a tweet is a political tweet about politics (use keywords).
5. Then we need to check the sentiment of that tweet. We can use a scale of -1.0 to 1.0 (good or bad sentiment and to what party it is referring to)
6. Split the sentiment up for each party and area

Use that data to predict based on the tweets what party that riding/area will be and output our own election map based on tweet sentiment

Data Collection > Political Analysis (Is it a political tweet) > Sentiment Analysis > Classify User > Analysis

**Tools**

Use

* MapReduce,
* Streaming data,
* Batch query,
* Big queries
* Strom

(Try to use tools he gave us/suggested us to use and explain how we used them)

**Questions we want to answer?**

What percentage of users are politically active?

What area seems to be more interested in which political campaigns (Liberal, Conservatives, NDP)?

[Needs around 5 questions]