

Proof of Concept  
Sentiments Analysis with Twitter  
Team Jazz Men

Anagh Goswami 1217426

Meet Pandya 1214306

Jasman Gill 1211554

Jesse Truong 1222722

Jia Xu 1213268

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# 1 Significant Risks

To successfully accomplish this project, the risks mentioned below must be taken account for:

1. Reliability of server
2. Effective web UI design
3. Ensuring website is portable (mobile and desktop friendly)

# 2 Demonstration Plan

For the proof of concept demonstration, we will be creating a working prototype of our sentiment analysis program. Initially the results will be generated using the keywords "McMaster University". We will then utilize the Bootstrap Framework in order to develop the front end side of the webpage where the results are to be displayed in a more appealing format.

The prototype will run the sentiment analysis API using a given keyword which will then take the generated results and display them in a tabular format. Using the given keyword, the sentiment API combined with the Twitter API will work together to retrieve tweets and score each one. These scores will then be formatted in a presentable manner and displayed onto the webpage. The users can then sift through the tweets to see the positive and negative comments regarding the given keyword (Figure 1).

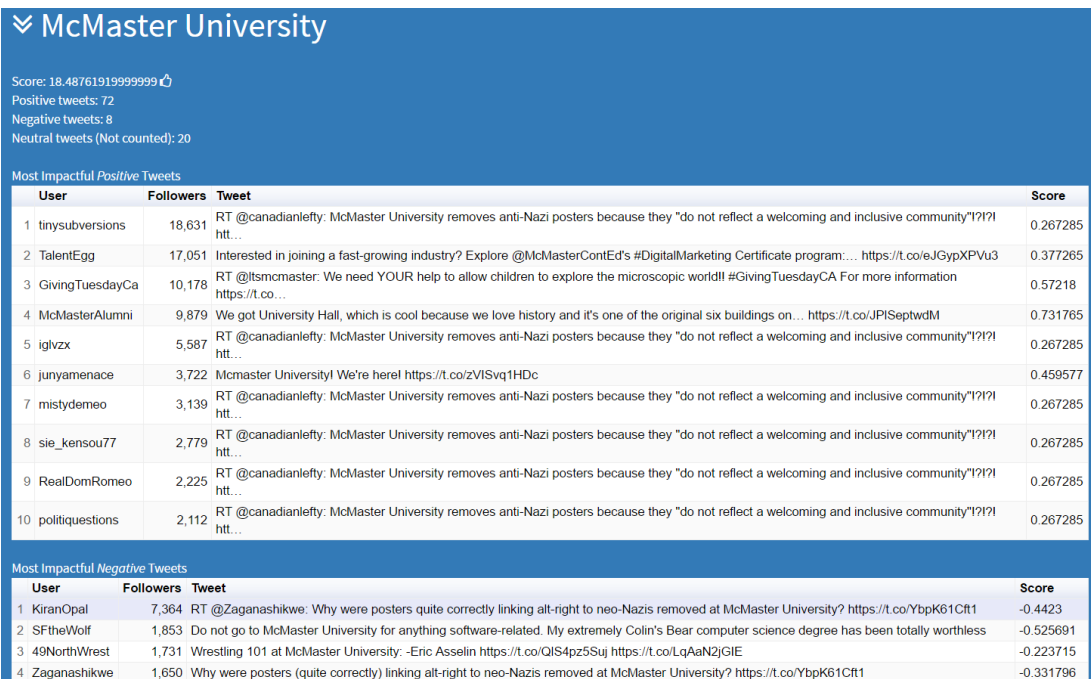


Figure 1: Data result