Gauging Changes in Sentiment Using Emotional Classification

1. Introduction. An overview of the project and an outline of the report.

* Reddit is a popular social media forum that attracts significant numbers of users, content, and engagement from around the globe. Its ever-growing volume of online community discourse presents a platform that can inadvertently shape opinions, damage brands, and incite real-world action. Identifying and understanding swings in user sentiments is becoming more and more critical to combat inaccurate and inadequate information and general community divisiveness. Our application allows administrators to monitor their online communities for significant swings in sentiment that could have broadly negative implications if left unchecked. OUTLINE OF REPORT.

2. Description of the data set.

* We used two datasets to train our final model.

3. Description of the NLP model and what kind of algorithm did you use. Provide some

background information on the development of the algorithm and include necessary

equations and figures.

4. Experimental setup. Describe how you are going to use the data to train and test the model.

Explain how you will implement the model in the chosen framework and how you will

judge the performance.

5. What kid of hyper-parameters did you search on? (e.g., learning rate)? How will you

detect/prevent overfitting and extrapolation?

6. Results. Describe the results of your experiments, using figures and tables wherever

possible. Include all results (including all figures and tables) in the main body of the

report, not in appendices. Provide an explanation of each figure and table that you include.

Your discussions in this section will be the most important part of the report.

7. Summary and conclusions. Summarize the results you obtained, explain what you have

learned, and suggest improvements that could be made in the future.

8. References. In addition to references used for background information or for the written

portion, you should provide the links to the websites or github repos you borrowed code

from.