

CS410 Project Progress Report

1) Which tasks have been completed?

First, I would like to mention that I have decided to focus the direction of my project a little bit more than my proposal explained. I want to use the twitter sentiment about teams to predict how well the team are currently playing for example their current standings. I can compare the results from the sentiment analysis to the actual standings of teams to see if I was able to accurately predict it. I have used with the Tweepy library in Python to grab tweets about different teams using team specific queries and cleaned up the tweets to make performing sentiment analysis easier.

2) Which tasks are pending?

I have started doing some experimenting with sentiment analysis of a few tweets but this is still in progress. I am unsure if I will continue with the idea of making a webapp as it depends on the amount of time I have. If I don't make the webapp I will still make a report documenting the results of my work.

3) Are you facing any challenges?

One of the limitations with the Tweepy API is that it only pulls tweets from the most recent 7 days. I've found that this does not really give a great indication of the overall performance of a team throughout the season so I may have to find another way to scrape tweets that is not limited to a recent timeframe.