Project Progress Report

Which tasks have been completed?

Source code for sentiment analysis is all completed. The script will use Tweepy to import and analyze tweets and then it will be using Textblob for sentiment analysis.

I have also implemented logic to visually represent the result. The last part of the code uses BM25Okapi ranking to find specific tweets that might have contributed to the sentiment analysis.

Which tasks are pending?

1. Right now, I am hardcoding the Team's name and player's name. I am planning to use panda and beautifulsoap to pull the player's name and team's name from a webpage. This will eliminate any need finding the players name who played that match. It will automatically pull the name of the players who played that match.
2. Video and documentation are pending.

Are you facing any challenges?

Below are the challenges I have faced

1. Twitter's essential version of API is only allowing me to use API v2.0 which is a problem with necessary functionality from Tweepy.
2. Even with elevated access of API, it still limits the number of tweets I can fetch. Also, I will be able to access only last 7 days of data.
3. Tweepy is not good in performance. It's slow. I will be limiting the number tweets to work with.
4. If a tweet has multiple player's name, it is being difficult to classify if that tweet is positive or negative for a particular player.