**Instructions**

1. Execute twitter\_app.py file on the terminal – “python /Stream\_Democrats\_O\_1\_3/twitter\_app.py”. This will engage the twitter api with the candidate in question.
2. Execute twitter\_app.py file on the terminal – “spark-submit /Stream\_Democrats\_O\_1\_3/stream\_tweets\_sentiment.py”. This will pull tweets and demonstrate how the Vader function is applying the sentiment to each tweet and keep a running log of positive, negative and neutral Sentiment. Terminate the stream.
3. Repeat Step 1
4. Execute twitter\_app.py file on the terminal – “spark-submit /Stream\_Democrats\_O\_1\_3/stream\_tweets\_to\_csv.py”. This will pull tweets and store them in a temporary file to be analyzed on the jupyter notebook dashboard. Please make sure to change the directory to the /Stream\_Democrats\_O\_1\_3 folder.
5. Run “Democratic\_sentiment.ipynb” jupyter notebook to analyze the live stream of tweets.