Step 1 :- Packages needs to be installed.

Commands –

pip: -

*python -m pip install --upgrade pip;*

Tweepy: -

*pip install tweepy;*

If there are multiple version of python installed in the machine use *pip3* instead of *pip*,

*pip3 install tweepy;*

textblob: -

*pip3 install textblob;*

Dash (Plotly): -

*pip3 install dash;*

*pip3 install dash\_core\_component;*

*pip3 install dash\_html\_components;*

*NLTK:-*

*Pip install nltk*

*Pandas:-*

*Pip install pandas*

*Matplotlib:-*

*Pip install ﻿matplotlib*

*Step 2:- Running the code*

*Run the file “sentiment\_analysis.py” and you will be able to see the 2 bar graphs of most frequently occurring hashtags of racist/sexist or non racist/sexisit tweets.*

*You will also see the model accuracy score and confusion matrix.*

***Note****:- change directory for “train\_tweets.csv”.*

***For tweeter live: -***

*Run “twitter\_dash.py” directly or from terminal and it will provide a link. Use that link to access the webapp.*

***Note****:- Please keep “twitter\_dash.py” and “twitter\_Live.py” in the same directory.*

*Video link:-* [*https://youtu.be/bbMwSfIPcmw*](https://youtu.be/bbMwSfIPcmw)