# Twitter Text mining Dashboard

# Instruction to use the file:

Project is programmed in Python language

I used PyCharm text editor to write the program

Required packages:

1. Nltk
2. streamlit
3. PIL
4. re
5. numpy
6. pandas
7. seaborn
8. matplotlib
9. wordcloud
10. warnings
11. tweepy
12. configparser
13. Text

    Description automatically generatedtextblob

Graphical user interface, text, application

Description automatically generated

To run the dashboard **streamlit** package should be installed

# Instruction:

$ pip install streamlit

You can run the dashboard from the computer terminal or PyCharm text editor.

You must make sure all the packages are installed otherwise the dashboard won’t work.

If you have error for textblob make sure the package is installed.

The next error you may get is the word cloud package make sure it is installed too.

If you still had errors which sometime can occur because of textblob package you can use this alternative root bellow:

To run the dashboard, make sure you have installed PyCharm text editor.

Open PyCharm and in its terminal please run: **sreamlit run streamlit.py**

For this project text blob package is used which mostly works when the file is run in PyCharm text editor. If you have problem opening the streamlit.py from your computer main terminal, you should use PyCharm terminal.

Text

Description automatically generatedTexblob is used for sentiment analysis in this project which is the most important part of the project, and it could not be replaced with another package.

Graphical user interface, text, application

Description automatically generatedWhen the dashboard is running, you can start using the side bar on the left to use different functionalities of the Dana Data text analyser dashboard