**USER DOCUMENTATION**

The following is the Step by Step guide on how to use this AI Tool.

**Data Retrieval Phase:** (Due to limited access, these codes were built on an API that retrieves tweets only between real-time and the past 7 days. Hence for better results, it is advised to insert a keyword or hashtag that’s been trending within the past 7 days).

1. In a storage folder, possibly a google drive, save the 4 files bearing the names ‘Final.ipynb’, ‘Content.ipynb’, Sentiment.ipynb’, and ‘Similarity.ipynb’.
2. Open the file in google colab ‘Final.ipynb’, and run the code, a command line interface with search questions will pop up.
3. Type in any hashtag(s) of your choice (It retrieves the data surrounding the hashtag(s) and saves it in CSV formats in your storage. For E.g., if using google Collaboratory it saves it in the content folder found there.
4. Rename the next line of codes, by copying the paths and updating, if it was a retrieval of 2 CSV files, it’ll then merge the two files together and save it as merged.csv.
5. With this newly generated file, run the subsequent codes while the data undergo cleaning and pre-processing.

**Implementation Phase:**

1. At the end of the pre-processing, a command line interface will pop up giving a number of options on the type of analysis to be carried out.
2. Select one by typing the name of the analysis.
3. The code will run and display the output in line with the cleaned merged CSV file, with a corresponding graphical plot for clearer understanding.
4. If it doesn’t then it cannot view the 3 other files, so try re-identifying the path where they were saved and make sure it tallies with what’s on the code.
5. The code can be run again to explore other options of analysis.

**N.B:** These codes were all together, but due to the need to give Users the ability to choose which of the analysis they may be interested in, they had to be split and saved differently to avoid any errors or issues.