Assumption: Python is installed on computer.

1. Download files (app.py, final tweets data.csv and final volume data.csv)
2. Open cmd and navigate to folder containing codes.
3. In cmd type “pip install matplotlib”
4. In cmd type “pip install numpy”
5. \*If any error is thrown, most likely the issue is that a package is not install. Try “pip install <package name> in cmd
6. Type “python app.py”
7. Graph should appear.

app.py is coded in such a way it can take in data and plot the graph from 2 .csv files. However, the data should be in the following format:

final tweets data.csv

|  |  |
| --- | --- |
| Month | Tweets |
| December | 753432 |
| January | 2414567 |
| February | 4075702 |
| March | 32949042 |
| April | 7397972 |
| May | 9059107 |
| June | 10720242 |
| July | 12381377 |
| August | 7397972 |
| September | 9059107 |
| October | 8327489 |
| November | 19025917 |

final volume data.csv

|  |  |
| --- | --- |
| Month | Volume |
| December | 30201100 |
| January | 35912600 |
| February | 33968200 |
| March | 47828300 |
| April | 28686500 |
| May | 35675600 |
| June | 37040500 |
| July | 44886900 |
| August | 44806000 |
| September | 35088000 |
| October | 42303900 |
| November | 70286300 |