Wrangle Report on Twitter dataset Project
Done by Eliel Godsent as a requirement for the Udacity data analysis Nanodegree

The tasks for this project was split into 6 steps:

1. Gathering the data
2. Assessing the data
3. Cleaning the data
4. Storing the data
5. Analysing and visualising the data
6. Reporting

In a brief overview, the Project is a wrangling task on the @dog_rates twitter account. The account rates dog pictures and the aim of the project was to give a hands-on on data wrangling with the above mentioned tasks

Gathering the data
Three datasets were required and were used for this task, 1 dataset was given in a simple .csv format and the the other 2 were accessed using the requests library. An alternative rout of getting one of the datasets form the Twitter API was given but seemed not to work.

Being that one of the datasets were already given, I simply imported it into my environment with pandas, and for the other two datasets, I made use of the request library, reading the data into a file and reading the file with pandas into my environment

Assessing the data
As with every wrangling task, It is imperative to asses the data that has been gathered… and for this, I utilised both visual and programmatic options for doing this. Using the pandas library, I was able to highlight 8 quality issues and 2 tidiness issues (as seen on my ipynb notebook) with proper mark-down and commenting documentation.

Cleaning the data
The important of assessing data is to clean it and to achieve this I used the Define, Clean, Test methodology while utilising the pandas library to achieve a well cleaned dataset

Storing the data
With my cleaned dataset, I was required to store it into a .csv master file, which I did

Analysing and visualising the data
Using seaborn, I plotted one bar graph that explains a bit of the data

Reporting
In completion of all these… I am required to duly report my wrangling tasks and data insights in two reports for which this is one.