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, the second was accessed using the requests library, and the third was accessed using the twitter API credentials.

Being that one of the datasets were already given, I simply imported it into my environment with pandas, the second was imported using the requests library and the last dataset was accessed using the tweeps library

All datasets were gathered and stored in respective dataframes

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 10 quality issues and 2 tidiness issues (as seen on my ipynb notebook) with proper mark-down and commenting documentation.

I used pandas programmatic assessments (.head() .info(), etc…) to assess the data and check for quality and tidiness issues

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 datasets, I combined all three datasets into one dataframe and stored it in a .csv file

Analysing and visualising the data
Using matplotlib, I plotted a histogram of the dog_breed column

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.