

# Wrangling and Analyzing Data

## Act Report

This report communicates the insights and displays the visualization produced from wrangled data.

We've wrangled the dataset (WeRateDogs) from Twitter API. WeRateDogs is a Twitter account. The ratings are in the form of improper fractions such as: (11/10, 12/10, 13/10) and etc.... This account has more than 4 million followers. The entire project was made by the Udacity Project workplace (in the classroom). This report is written by Microsoft Word. The entire project was made by the Udacity Project workplace (in the classroom). This report is written by Microsoft Word

- Storing Data

The cleaned data was stored in a CSV file called `twitter_archive_master.csv`. It can be easy to visualize data.

- Analyzing and Visualizing Data

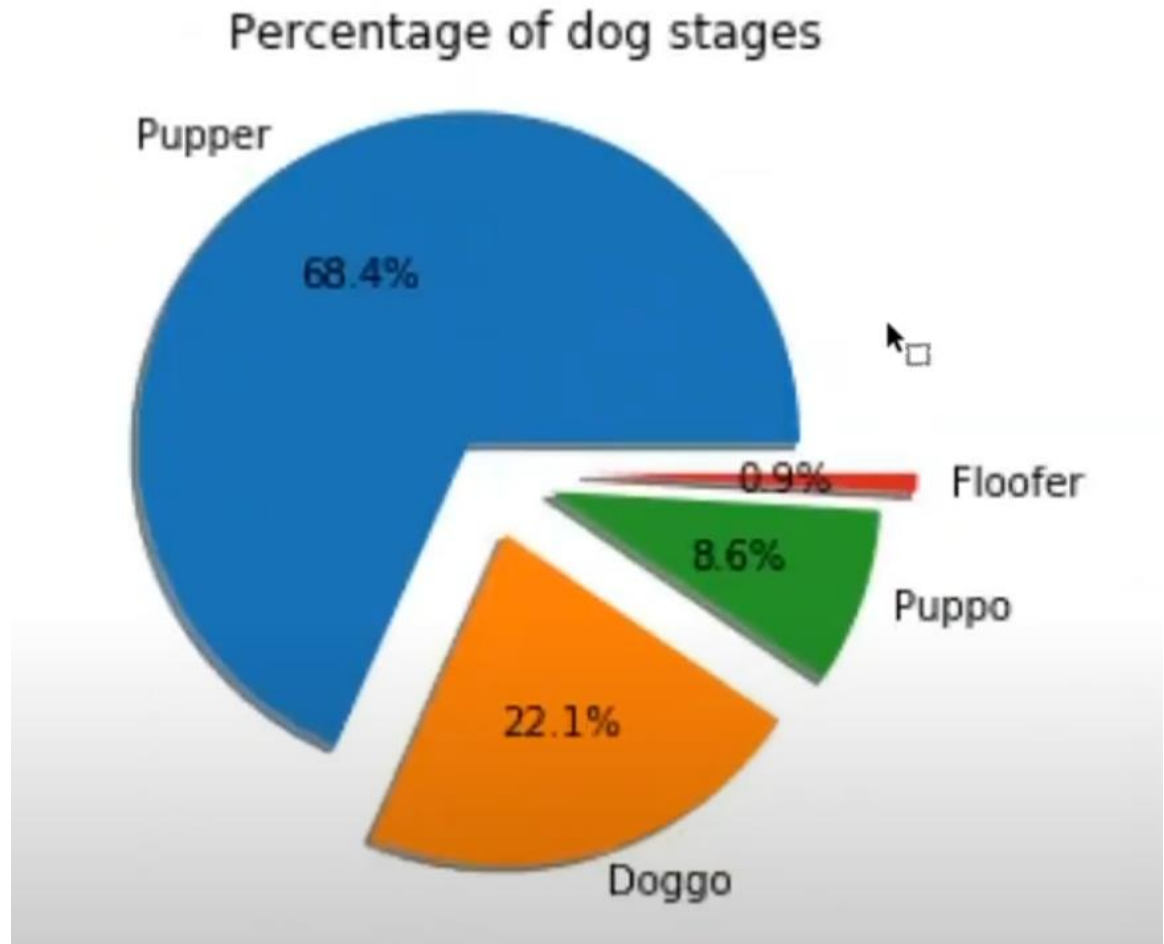
The data was analyzed and insights regarding the following:

A. Percentage of different dog stages

B. Relation between Retweet and favourite Counts

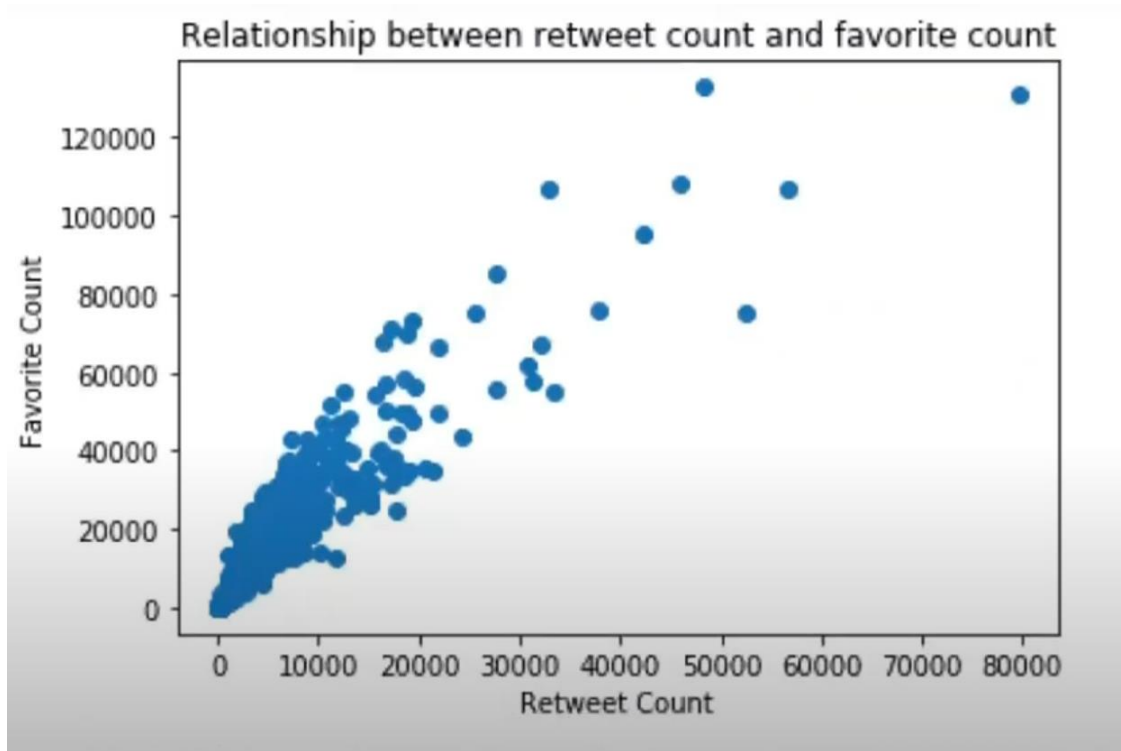
## A. Percentage of different dog stages

This is a pie chart representing the data



From the previous chart we can conclude:

- 1- Pupper is the highest percentage of others with 68.4%
- 2- Floofer is the lowest percentage of all 0.9%
- 3- Doggo and Puppo have shares by 22.1% and 8.6% respectively.



This Chart shows that there is a linear relation between retweet count and favourite count.