# act_report

June 10, 2020

# 1 Act Report
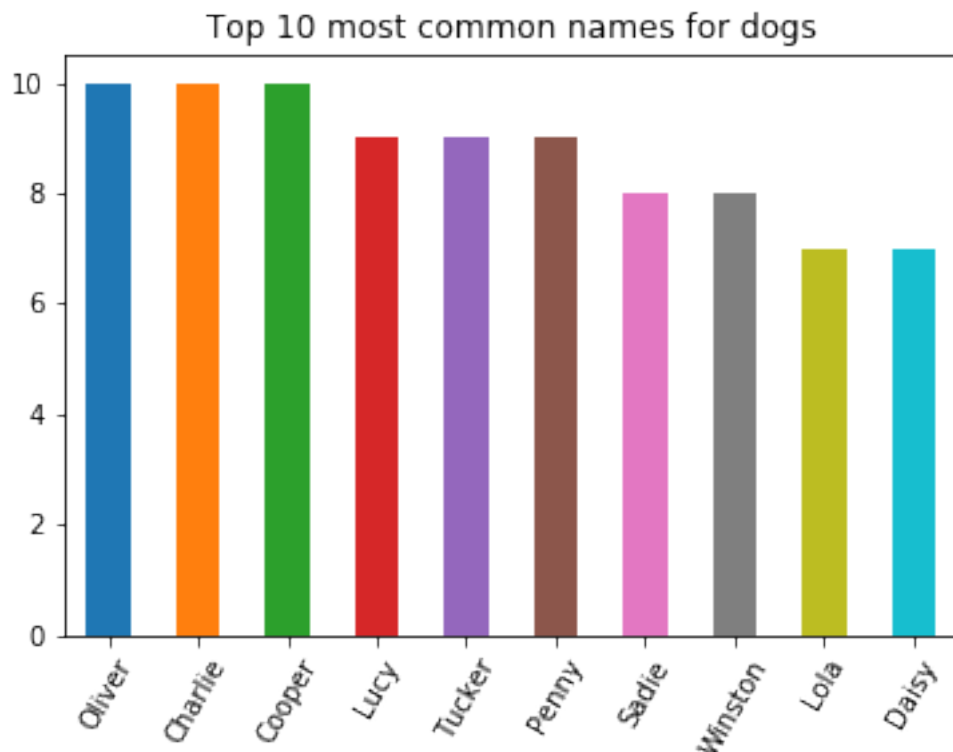
## 1.1 Obective

- Section **??**

After gathering, asessing and cleaning the data from 3 different sources our clean and tidy data is ready for analysis. In this report I have analyzed the clean data and checked the most commonly used dogs name, most frequent dog styles and number to tweets and retweets and favorite with the passage of time our clean data set containts 1964 tweets. Lets start the anlysis through visualization

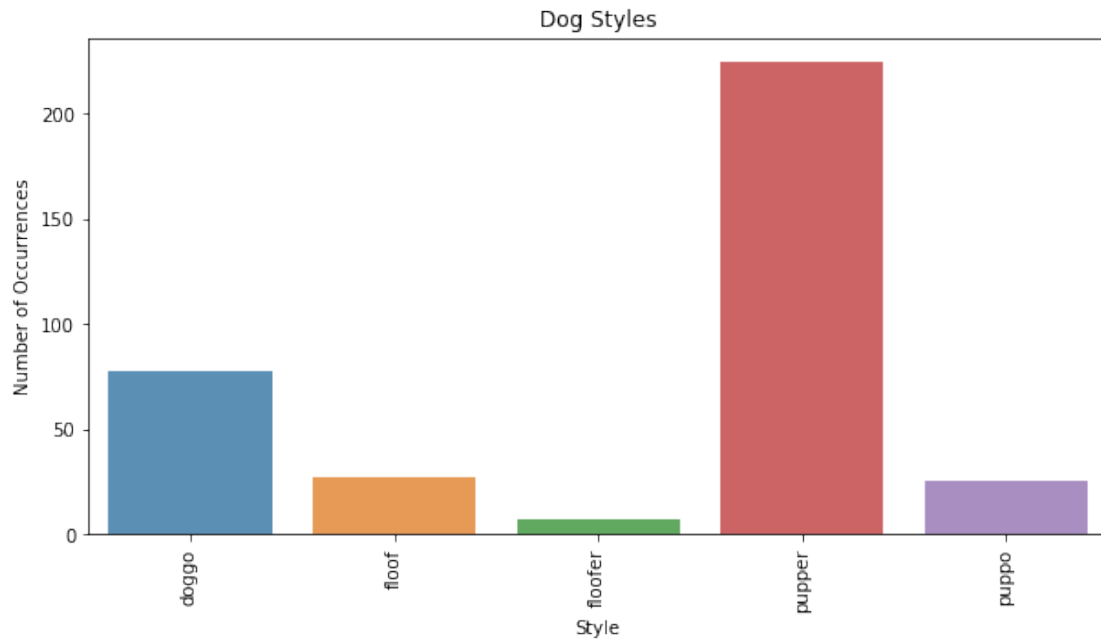**Top 10 most common names** First we'll see top 10 frequently used name for the dogs

`In [49]:`

**Comments**  The most common name used are Oliver with more than 10 occurence followed by Charlie, Cooper having 10 occurences
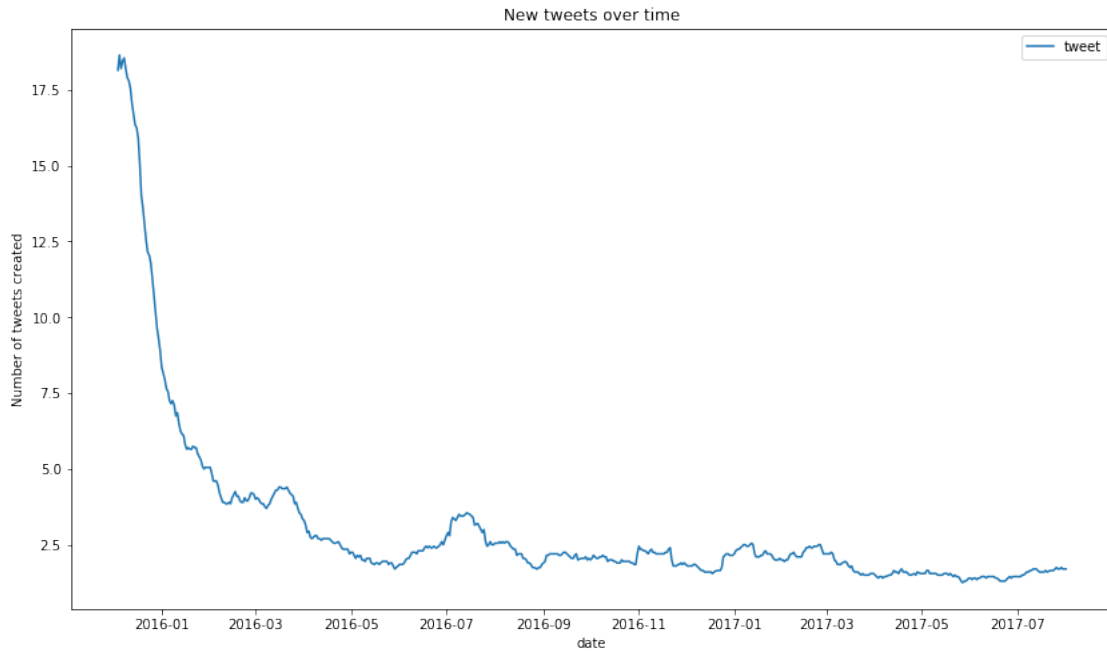
**Dog Styles**  Let's have a look on the dog styles

In [51]:



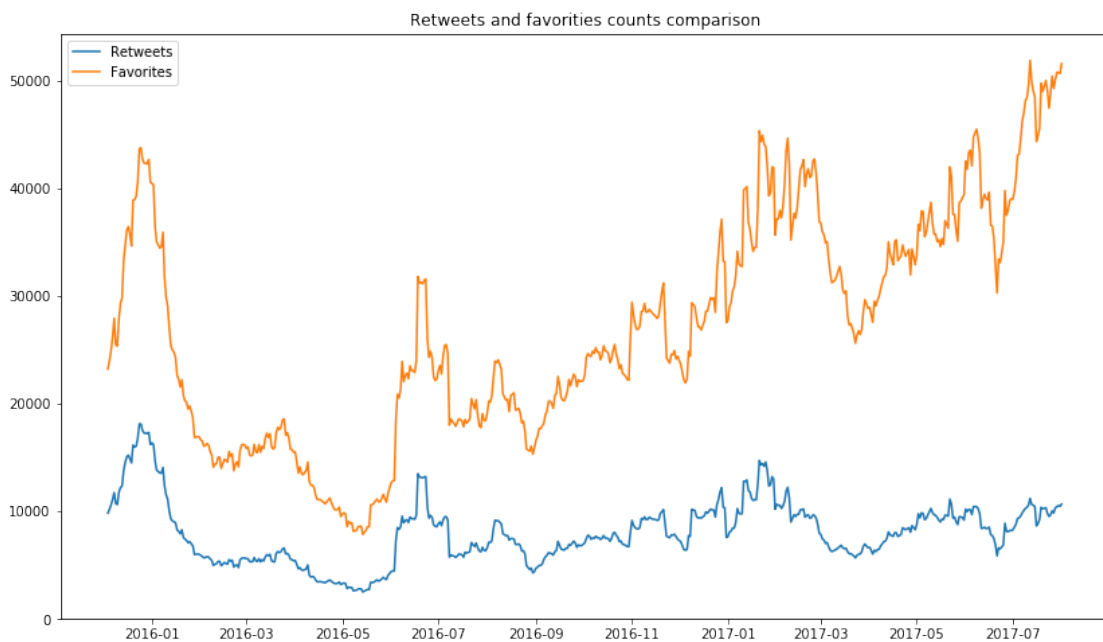**Comment**  pupper is the most occurred style having more than 200 times occernece #### Tweets Over Time

In [52]:

**Comments**  The tweets daily frequency was initialy at peek and drastically settle to average 2.5 tweets per day

**Retweets and Favourtive Count Comparison**

In [54]:



3

**Comments**  There is some relationship between retweets and favorite the more the favorite the more the retweets are. There were intitaly down fall in the trend but the growth increased with the passage of time.

Note that favorites and retweets are rolling average of keeping 20 days window

In [ ]: