

## Visualization plotting and Data insight

1- Counting for each source to know where tweets came from more

- iPhone 1601
- Twitter Web Client 21
- Tweet Deck. 9

98% of the tweets comes from I phone platform

2- from dog age we found the trend is doggo

- doggo 59
- floofer 8
- pupper 172
- puppo 21

66% of dog stage is doggo

3- sorting dataset by Favorite count

Highest favorite count I granted to puppo favorite count. With 132810 favorite then doggo with 131075

4- Sorting dataset by retweet count

First and second Highest retweet count granted to doggo retweet and the third is to puppo

5- Labrador\_retriever is the most retweeted type ,Eskimo\_dog is the second and Lakeland\_terrier Is the third. And this is the same for retweet count

6- Start date of the dataset is '2015-11-15 22:32:08'

7- End date of the dataset is '2017-08-01 00:17:27'

This mean that our data set is for '624 days and 01:45:19'

8- Displaying tweet text for the most favorite count and most retweet count

9- Displaying the retweet count and favorite count by image number

And the result is no relation between the number of photos and number , also most of the favorite count and retweet count have only single image

## Plotting

10-plotting favorite count vs retweet count to know if there are a correlation .  
the relation between these two variable are linear(positive correlation )

11-plotting how many tweet according to image number for each tweet and the same is for favorite count

12-the dog type represent 66 % is pupper is the most common dog age stage of the data set