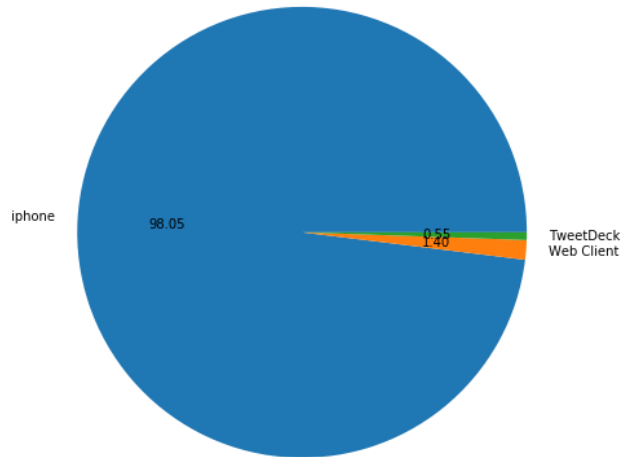


## Visualizations & Insights (WeRateDogs)

There is plenty of information available in these three datasets. When combined together a lot of insights could be drawn from them. The first item that we are going to look at is the source for the tweets. From the chart below, we can see tweets came from iPhone, Web Client and Tweet Deck. iPhone seems to be the major source of the tweets. It shows people highly prefer their phones for connecting socially. Tweet deck is the least used.



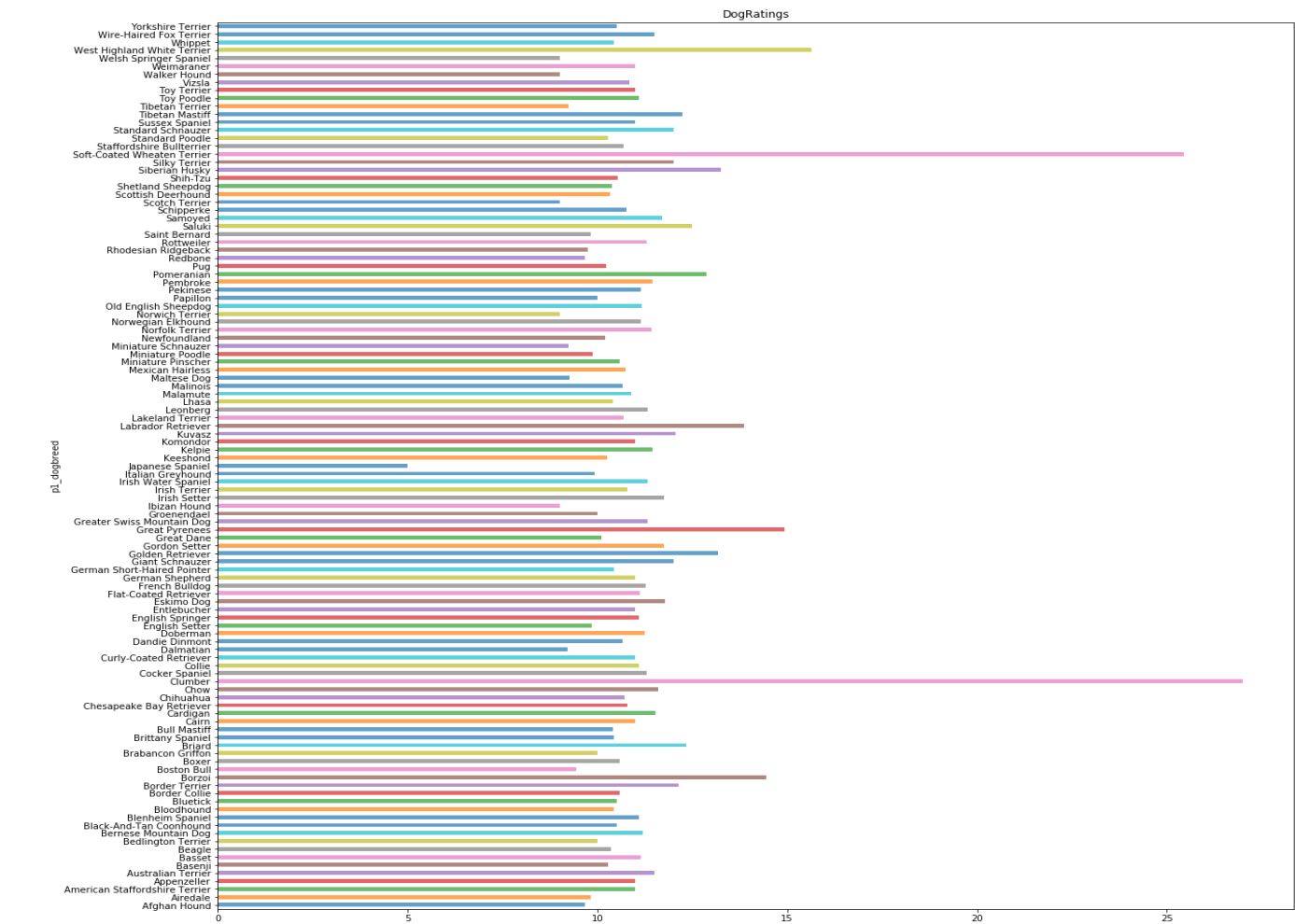
Here is most favorited/retweeted dog and it is a Labrador Retriever.

















Here is the image of the dog (named Atticus) that got the highest rating, but a prediction of his breed couldn't be made because of all the fun stuff he is wearing.



On an average **Clumber Spaniel** dog breeds gets high rating when compared to other dogs. Although not preferred @weratedogs also rated some other animals/things and quite surprisingly their ratings on an average is very close to dog ratings.



When I looked at the confidence with which the dog breeds were matched, it is surprising to see such high efficiency. Any breed that was predicted with .95% or more were correct. Below are the image of dogs predicted with 99.9% confidence.

p1_dogbreed	p1_confidence	jpg_url
French Bulldog	0.999201	
Pug	0.999120	
Old English Sheepdog	0.999715	
Dalmatian	0.999828	
Chow	0.999823	
Chow	0.999953	
Chow	0.999837	
Labrador Retriever	0.999885	
Great Dane	0.999223	
Pug	0.999044	
Pug	0.999365	
Chow	0.999876	
Komondor	0.999956	
Rottweiler	0.999091	

Instead of going by the hour, I wanted to look the tweets by the time of the day. While looking at the times at which tweets were made, it is hard not to notice majority of them were made at late nights. It appears people prefer to connect socially during evenings & nights.

