

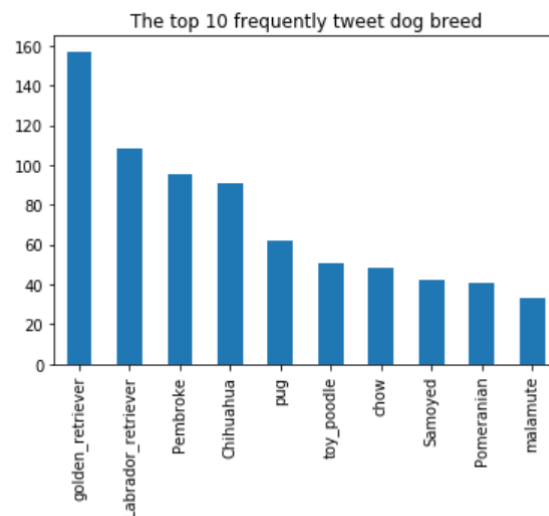
H2 Act Report

The df_clean dataframe has 1988 observations. It has information about the tweet_id, timestamp, name of the dogs, ratings, predictions, retweets count and favorites' count.

```
df_clean.head()
```

	tweet_id	timestamp	name	stage	ratings	prediction	retweet_count	favorite_count
0	892420643555336193	2017-08-01 16:23:56+00:00	Phineas	NaN	1.3	NaN	8853	39467
1	892177421306343426	2017-08-01 00:17:27+00:00	Tilly	NaN	1.3	Chihuahua	6514	33819
2	891815181378084864	2017-07-31 00:18:03+00:00	Archie	NaN	1.2	Chihuahua	4328	25461
3	891689557279858688	2017-07-30 15:58:51+00:00	Darla	NaN	1.3	Labrador_retriever	8964	42908
4	891327558926688256	2017-07-29 16:00:24+00:00	Franklin	NaN	1.2	basset	9774	41048

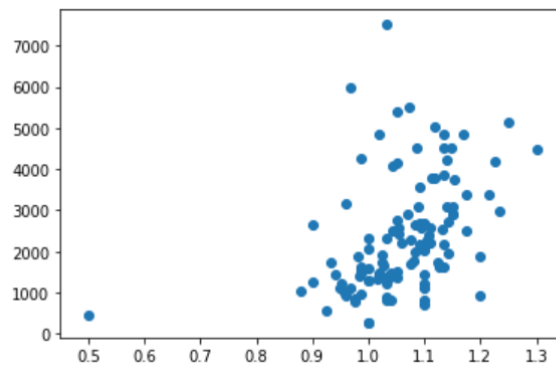
Graph 1



From this graph we can see that the dog that was rated most is golden_retriever. Labrodor_retriever is the second most. Most of the numbers of rated dogs is lower than the half of golden retriever which suggests that the owner of golden is either more than other dogs' or they are more interested in sharing the photos of their dogs.

	retweet_count	favorite_count	ratings
prediction			
Afghan_hound	5976.0000	17326.666667	0.966667
Airedale	1393.7500	5280.833333	0.983333
American_Staffordshire_terrier	2310.8125	9380.187500	1.031250
Appenzeller	1458.0000	7317.500000	1.100000
Australian_terrier	3078.5000	11127.500000	1.150000

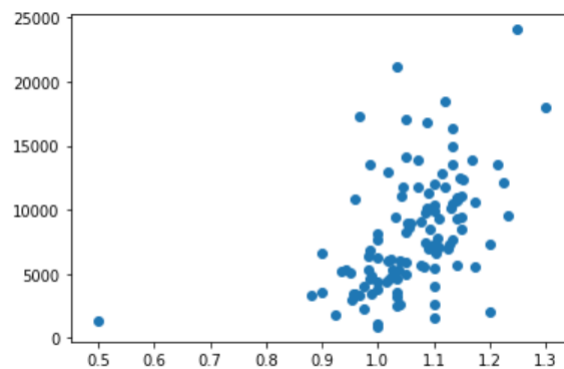
Graph2,3 is drawn from the table above.



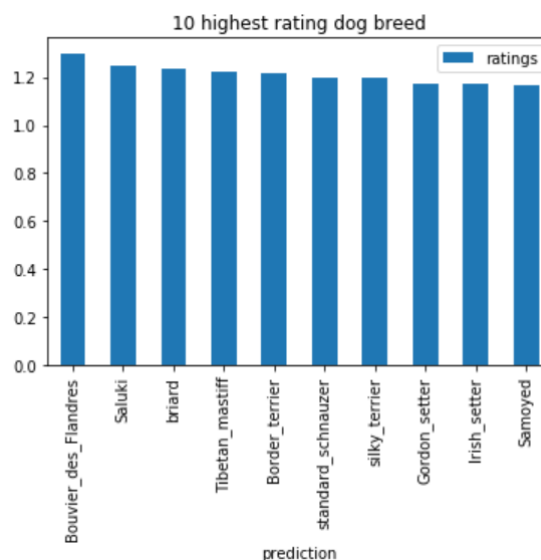
This graph shows the relationship between retweet and ratings.

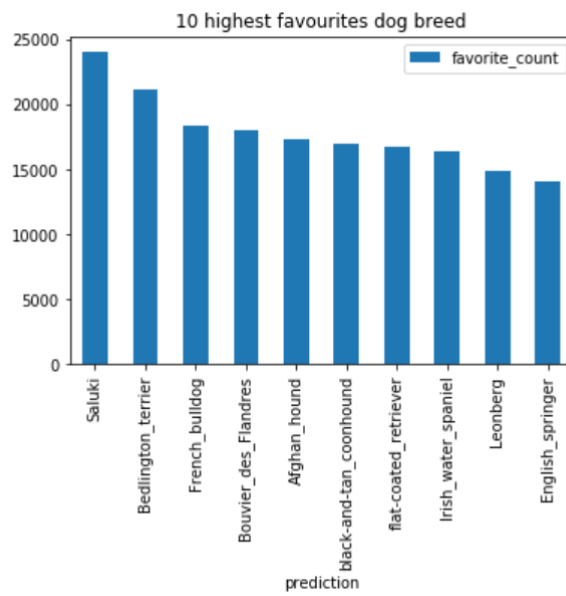
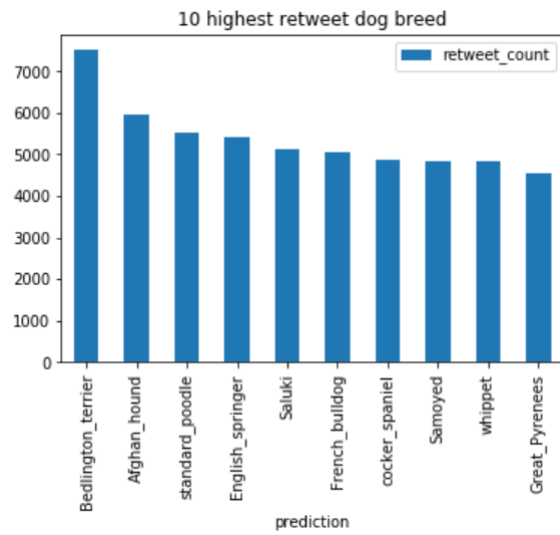
A not so strong positive correlation can be drawn from the scatter plot which suggests that twitter users mostly agree with the ratings of weratedogs account. Generally, the higher the rating, the more the retweet number is.

Similarly, a positive correlation can be drawn between favourites and ratings.



This graph shows that even dogs with relatively lower rating sometimes can receive more favourites. The general trend seems to still be the higher the rating, the more the favourite number is.





The three graphs above shows that the 10 most favourite dogs of the account and all the users are quite different.