Visualization and Analysis
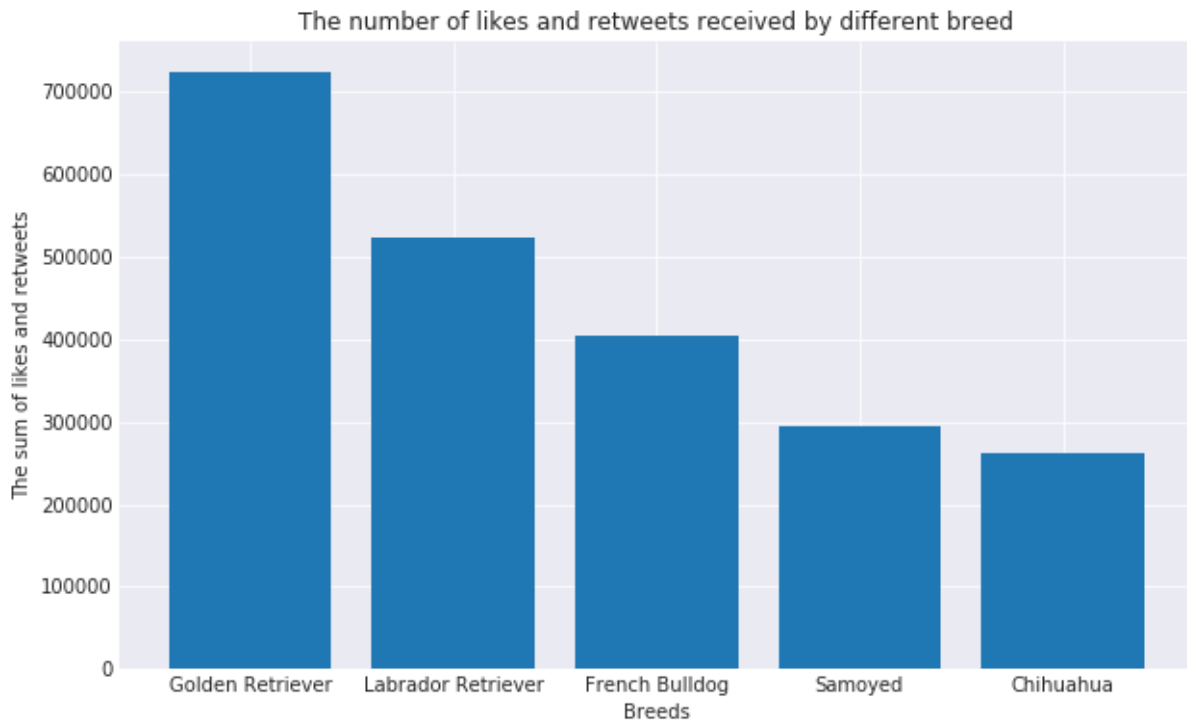
Q1: What breed of dog may get more likes and retweets?

Dog Breed	Likes and retweets from all posts
golden_retriever	724702
Labrador_retriever	524369
French_bulldog	404779
Samoyed	294894
Chihuahua	263148

Dog Breed	Posts in top 100 most-liked post
golden_retriever	12
French_bulldog	6
Labrador_retriever	6
Samoyed	5
Pembroke	4
Pug	3
Cardigan	3
Chihuahua	3
cocker_spaniel	3
malamute	2

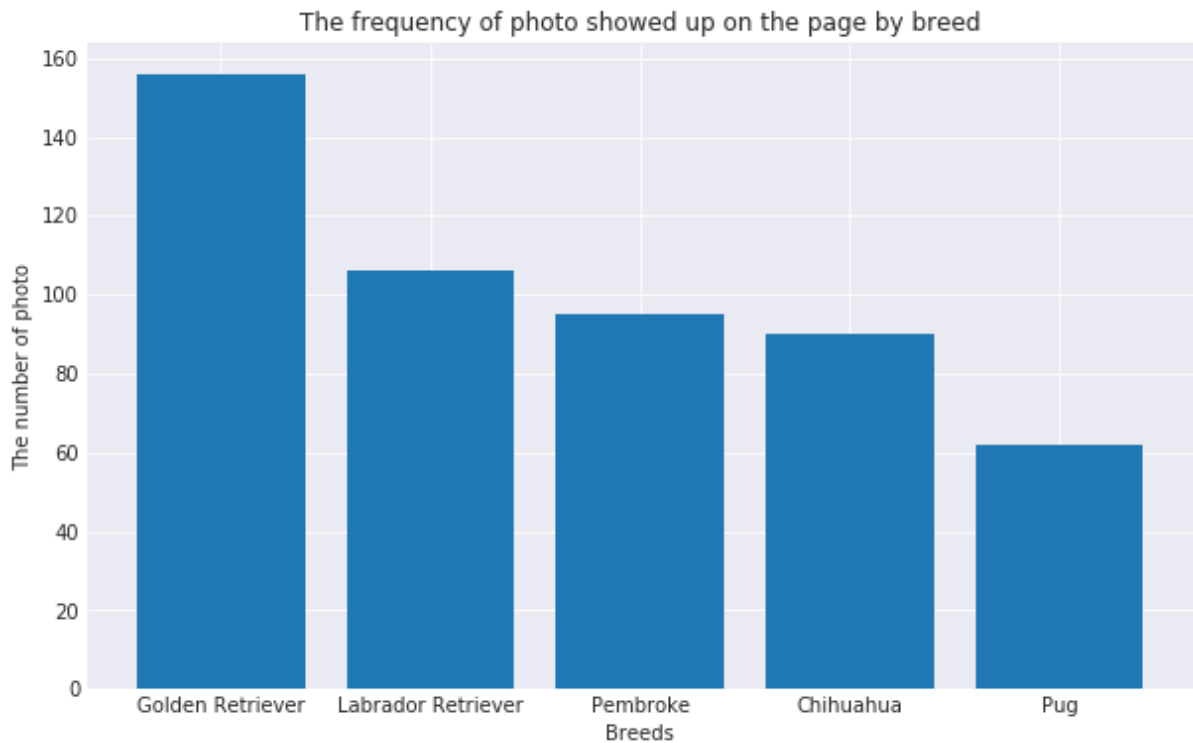The number of likes and retweets received by different breed

Golden Retriever, Labrador Retriever, French Bulldog, Samoyed and Chihuahua received the highest number of likes and retweets.

Also, in the top 100 most-liked posts, the post number of all the five breeds are in the top 10, which means havings these 5 breeds in the picture may have higher possiblity to capture people's attention.

Q2: Which breed showed up on the page most frequently?

Dog Breed	Number of photo they have on the page
Golden_retriever	156
Labrador_retriever	106
Pembroke	95
Chihuahua	90
Pug	62
Toy_poodle	51
Chow	47
Pomeranian	42
Samoyed	42
Malamute	33

The frequency of photo showed up on the page by breed

The table and the bar chart shows the number of photo by breeds that have been uploaded by users.

Looking closely at the top 5, we can see many of them are also on the most-liked chart in Q1, except for the Pembroke and Pug, which means they have higher quatity of photo but less number of likes and retweets than Samoyed and French Bulldog.

Q3: What kind of dogs tend to get higher ratings?

Dog Breed	Average rating on each post
Rottweiler	14
black-and-tan_coonhound	14
standard_poodle	14
Pomeranian	13.5
French_bulldog	13.166667
Shetland_sheepdog	13
Staffordshire_bullterrier	13

Lakeland_terrier	13
Eskimo_dog	13
Old_English_sheepdog	13

This is the ranking of the breed that acquired the highest average rating by the poster.

Interestingly, most of the popular dog breeds that acquired many likes and retweets can not be seen on this Table. It seems that dogs that are highly rated may not be liked by others as much as their owners do!