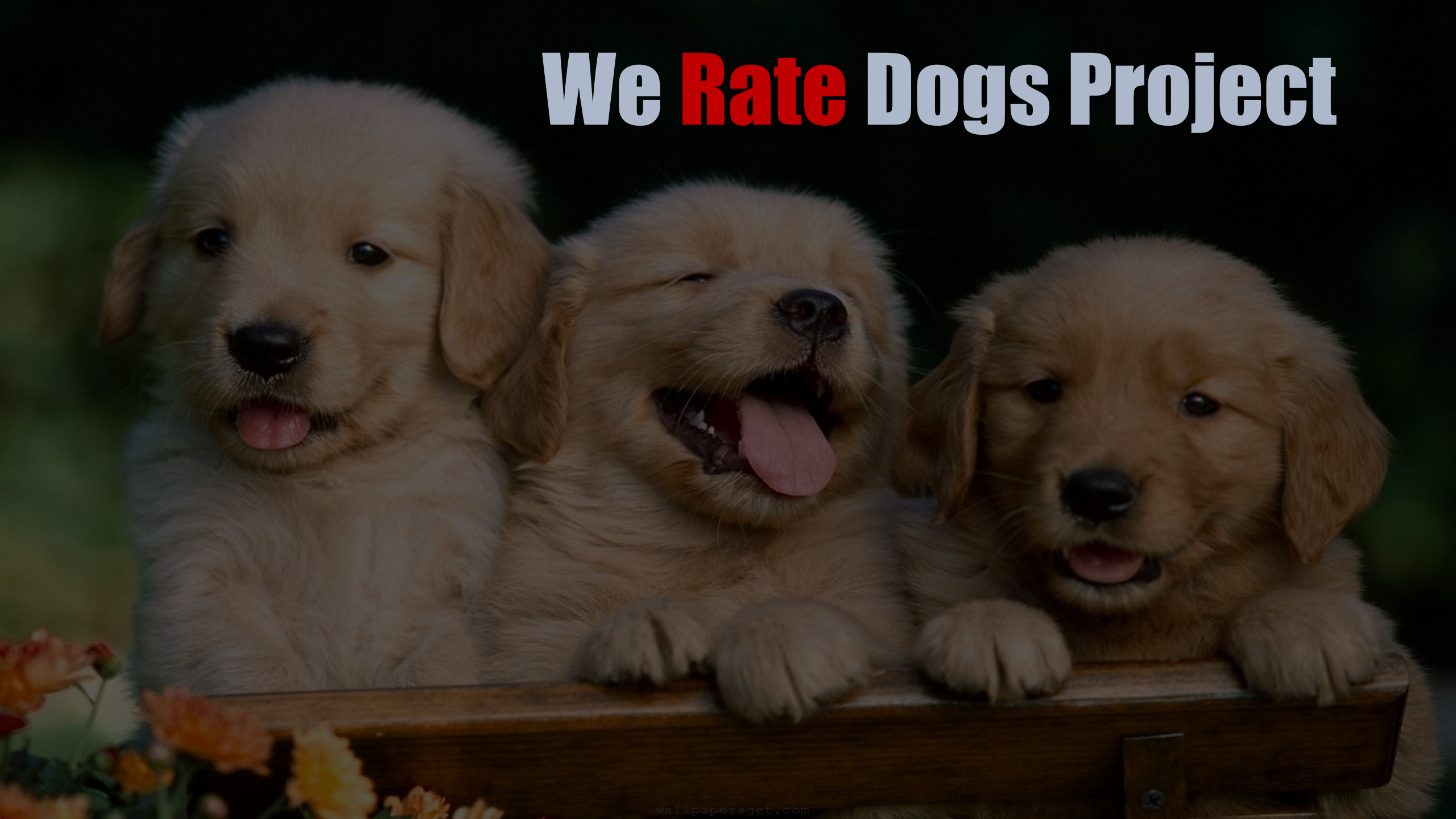


# We **Rate** Dogs Project





# First Insight

First insight, (Golder Retriever) is the most predicted dog type 📊

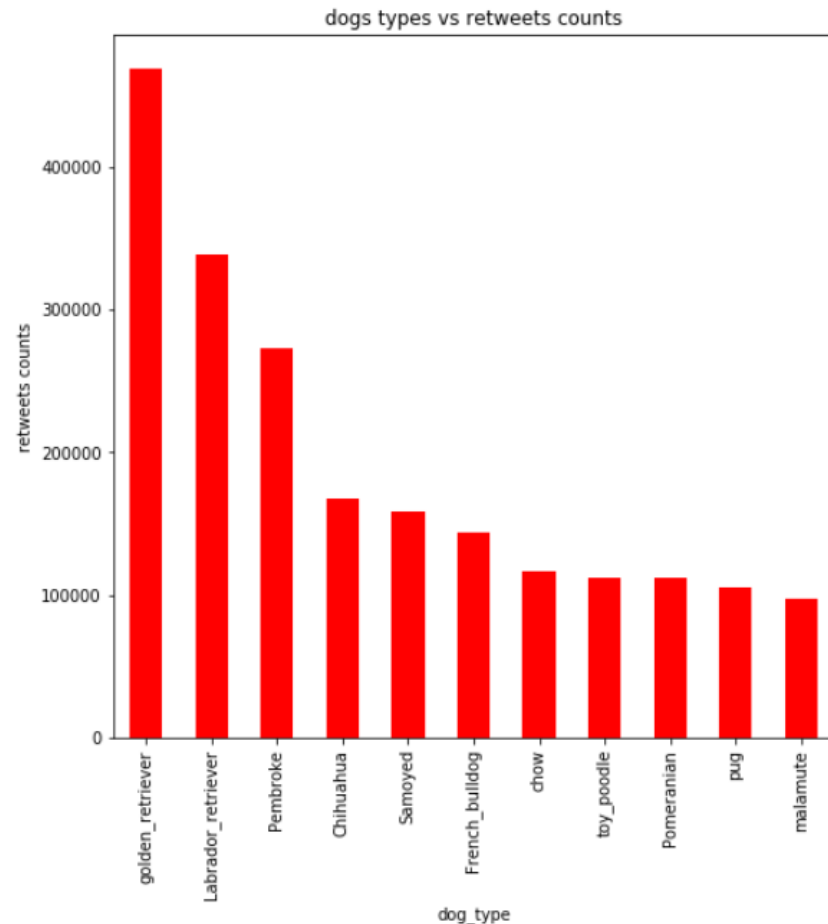
```
In [114]: df_main.dog_type.value_counts()
```

```
Out[114]: golden_retriever    139  
Labrador_retriever         98  
Pembroke                   93  
Chihuahua                  86  
pug                        60  
toy_poodle                 49  
chow                       44  
Pomeranian                 41  
Samoyed                    38  
malamute                   32  
Chesapeake_Bay_retriever  31  
French_bulldog             30  
cocker_spaniel             26  
miniature_pinscher         23
```



The most predicted dog type from all the tweets was the gold retriever with 139 times

# First Graph



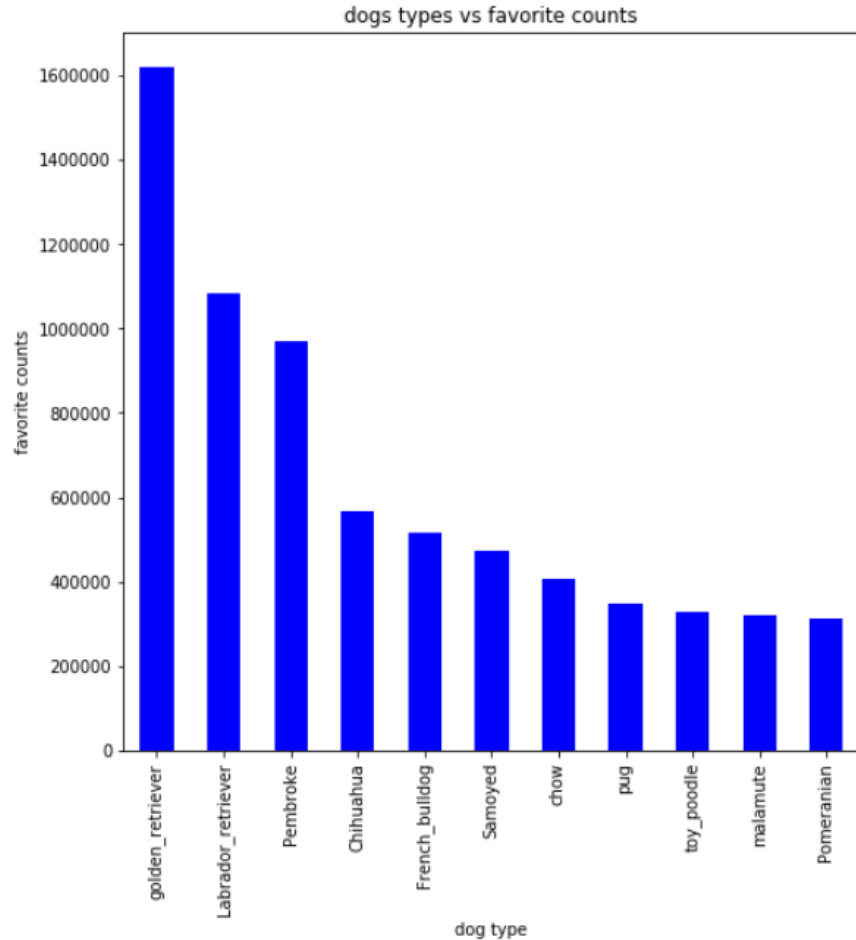
first graph showing the top 10 dog types with highest retweets counts

```
In [119]: first_graph = df_main.groupby('dog_type').retweet_count.sum().sort_values(ascending=False)[10::-1]
first_graph.plot(kind='bar',color='red',figsize=(8,8));
plt.title('dogs types vs retweets counts');
plt.xlabel('dog_type');
plt.ylabel('retweets counts');
plt.gca().invert_xaxis();
```

Here we got the relation between the top retweeted dogs and their Type and we said **Golden Retriever** is in front of all dogs.



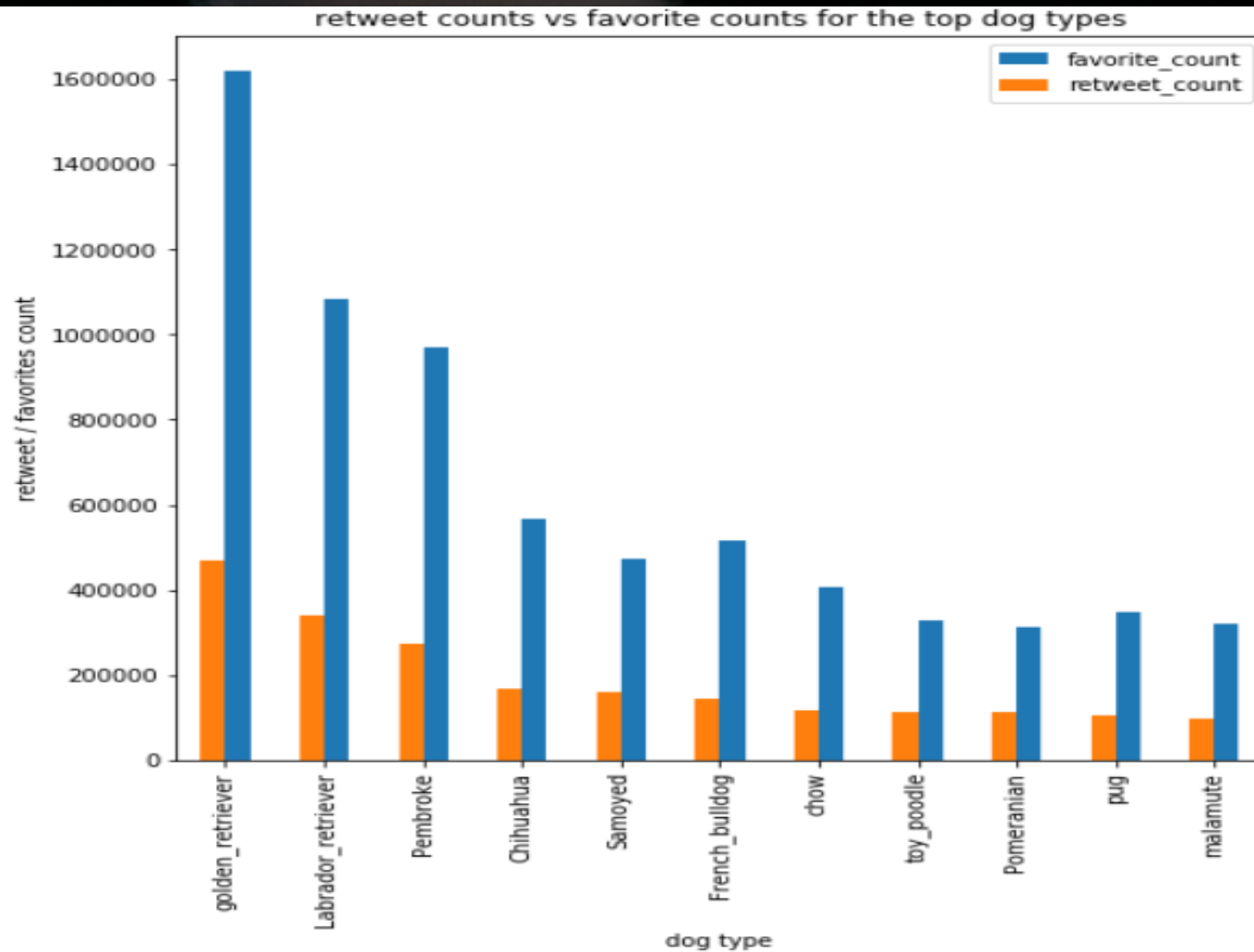
# Second Graph



```
In [120]: second_graph = df_main.groupby('dog_type').favorite_count.sum().sort_values(ascending=False)[10::-1]
second_graph.plot(kind='bar',color='blue',figsize=(8,8));
plt.title('dogs types vs favorite counts');
plt.xlabel('dog type');
plt.ylabel('favorite counts');
plt.gca().invert_xaxis();
```

Here we got the relation between sum of favorite counts of the tweets and the dog Type and STILL **Golden Retriever** is in front.

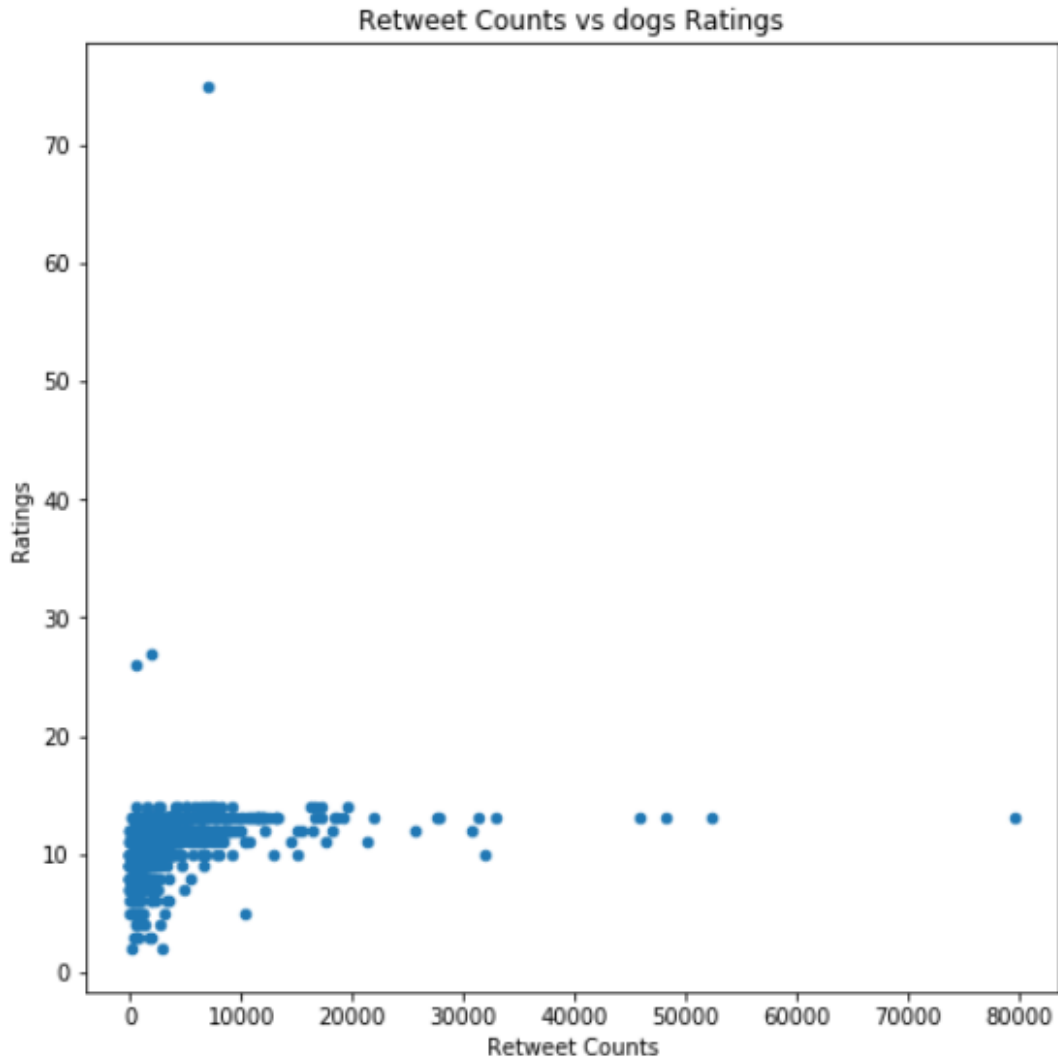
# Second Insight



Here we found that the relationship between the favorite counts and retweets is linear.



# Third Insight



Here we found out that the tweets with the top Ratings aren't those with the highest retweets counts

A pug dog is the central figure, dressed in a pink shower cap with a white ruffled edge and a blue towel draped around its neck. The dog is holding a wooden-handled brush in its right paw and a yellow sponge in its left paw. The background is a solid dark gray.

**Thank You**