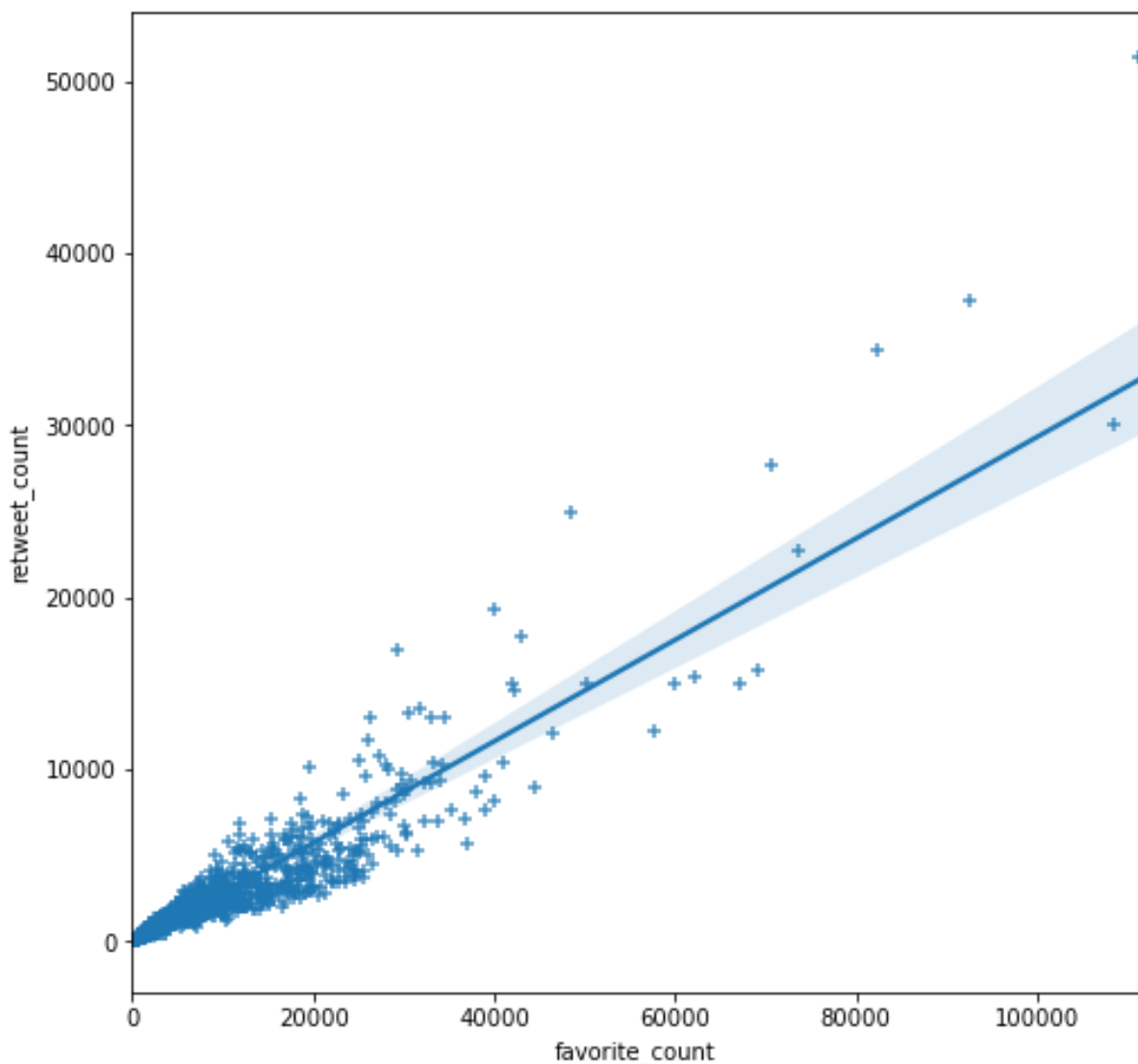ACT REPORT

When I was about to start this project, I thought to myself, 'wow this is going to be hard' but here I am writing the act report of the project.

The project is on Data Wrangling of a twitter account 'WeRateDogs' and the analysis, visualization of the data gotten. WeRateDogs is a twitter account which goes by the username 'dog_rates' with a whopping followers of '9.3 million' as at the time of this report. What the account does is rate dogs, extremely cute dogs; emphasis on 'extremely cute' over 10. The catch – ratings are usually above 10. I think that's just the cutest thing ever. So go check the account if you want to be attacked with lots of cuteness and love.

Enough about the account, so I got data about the account using Twitter API and some additional data and analyzed it to find things like most popular dog stage, most retweeted dog breed etc.

1. Are favorite and retweet counts related? Are there lots of retweets with few likes and vice-versa?
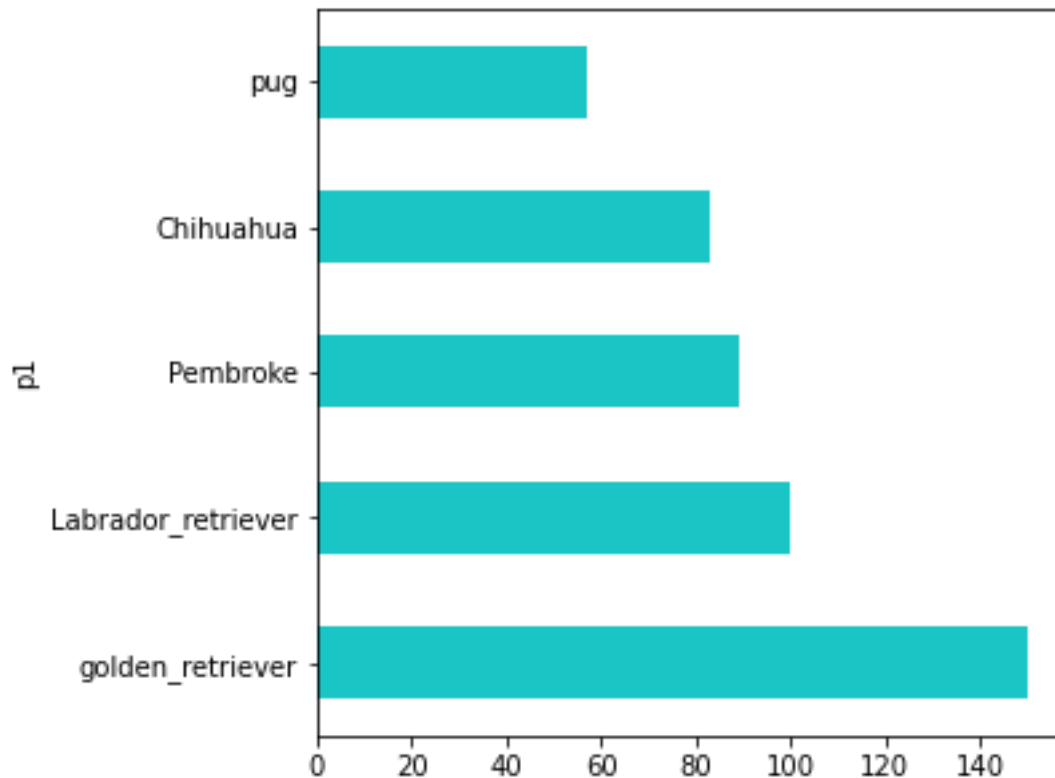
I guess everyone loved the dogs and kept on retweeting and favoriting so as for others to share out of the cuteness.

2. What is the most popular dog breed?
    Now we have 3 predictions of dogs and I made sure to use only predictions where it reported 'True' meaning I have generated 3 different barcharts.

    FOR PREDICTION 1
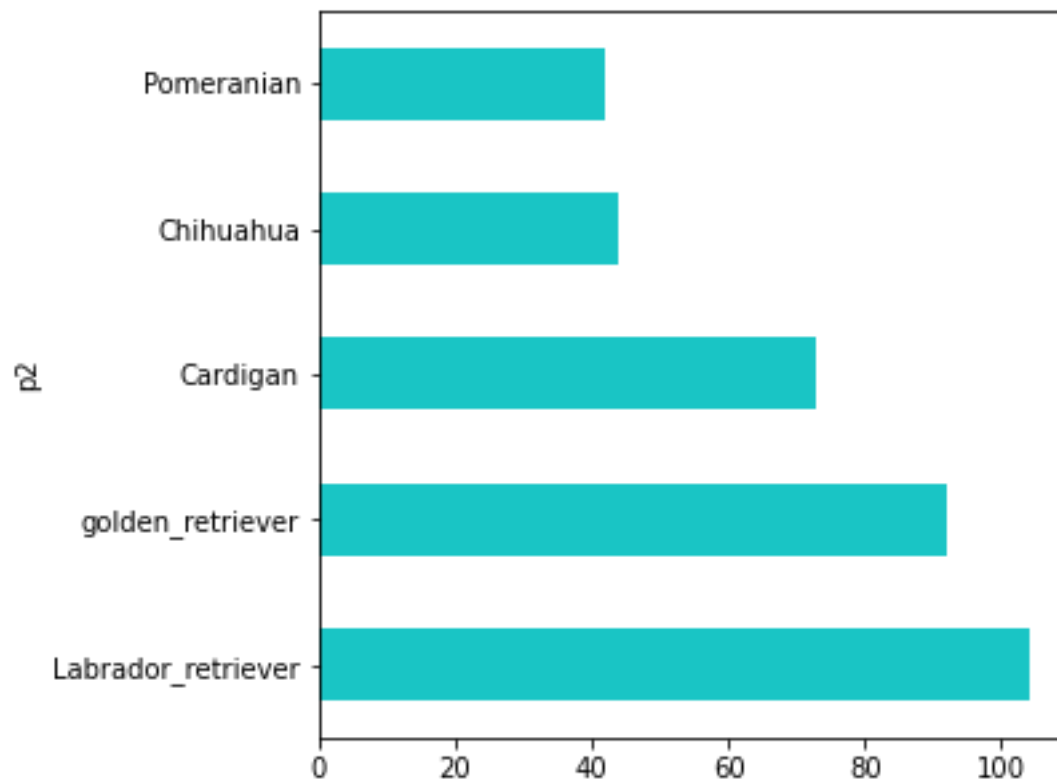


```
In [260]: df_p1['p1'].value_counts()

Out[260]: golden_retriever       150
          Labrador_retriever     100
          Pembroke                89
          Chihuahua               83
          pug                     57
                                 ...
          groenendael              1
          standard_schnauzer       1
          silky_terrier            1
          clumber                  1
          Japanese_spaniel         1
          Name: p1, Length: 111, dtype: int64

          'Golden_retriever' takes the lead
```

FOR PREDICTION 2


```
In [257]: df_p2['p2'].value_counts()

Out[257]: Labrador_retriever    104
          golden_retriever       92
          Cardigan               73
          Chihuahua              44
          Pomeranian             42
                                ...
          EntleBucher             1
          Japanese_spaniel        1
          Kerry_blue_terrier      1
          standard_schnauzer      1
          affenpinscher           1
          Name: p2, Length: 113, dtype: int64
```
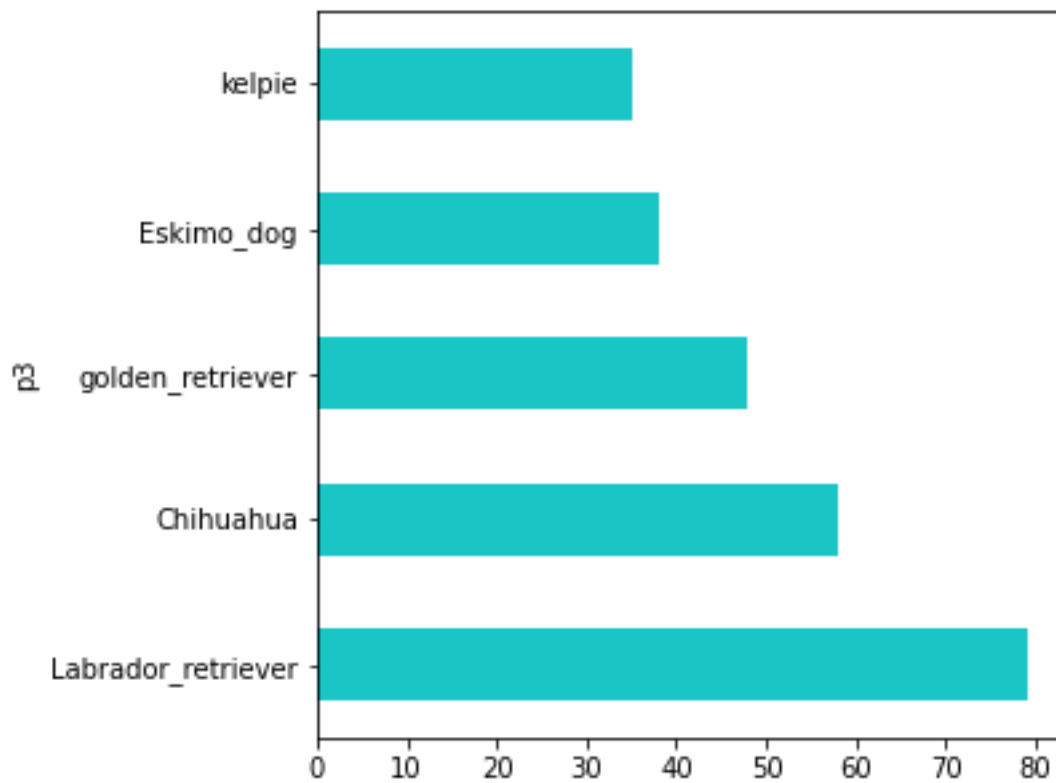
'Labrador_retriever' takes the lead with 'Golden_retriever' coming close

FOR PREDICTION_3


```
In [258]: df_p3['p3'].value_counts()

Out[258]: Labrador_retriever    79
          Chihuahua             58
          golden_retriever      48
          Eskimo_dog            38
          kelpie                35
                                ..
          Walker_hound           2
          standard_schnauzer     1
          Sussex_spaniel         1
          Kerry_blue_terrier     1
          affenpinscher          1
          Name: p3, Length: 116, dtype: int64

          Labrador_retriever' takes the lead
```
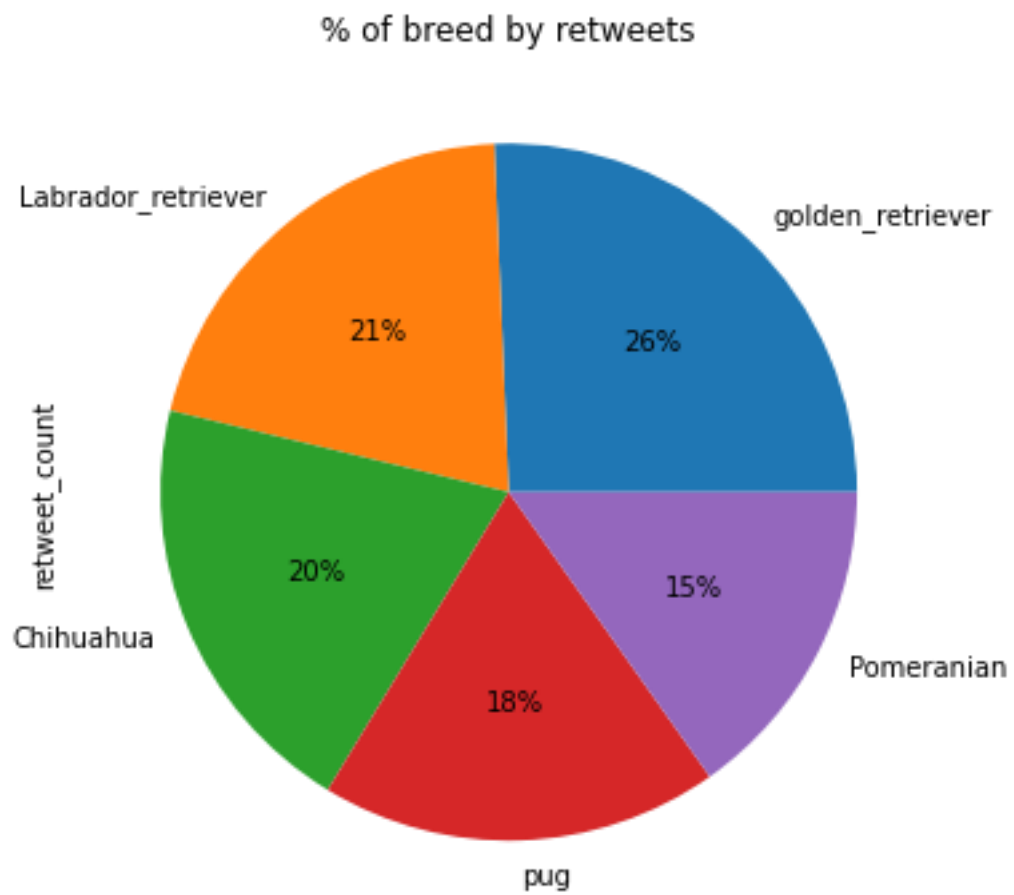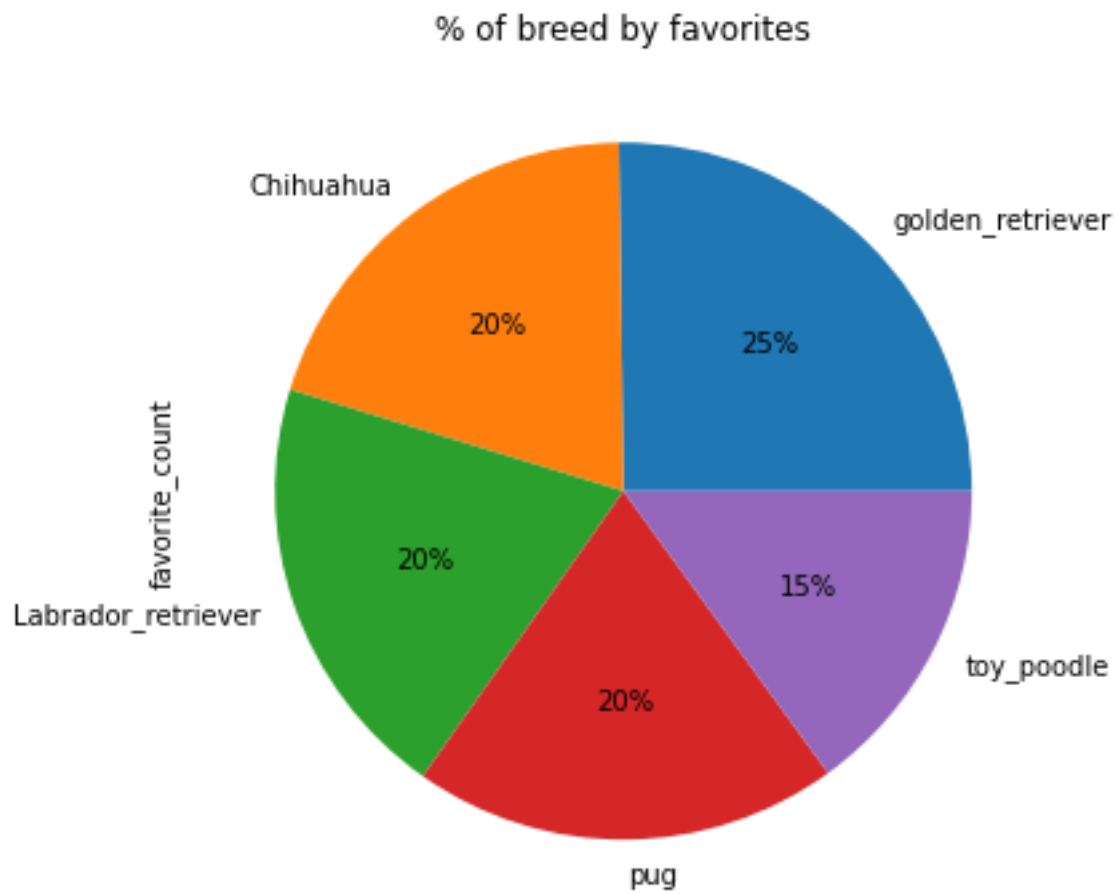
From all the calculations, Golden retriever is the most popular breed. Ofcourse

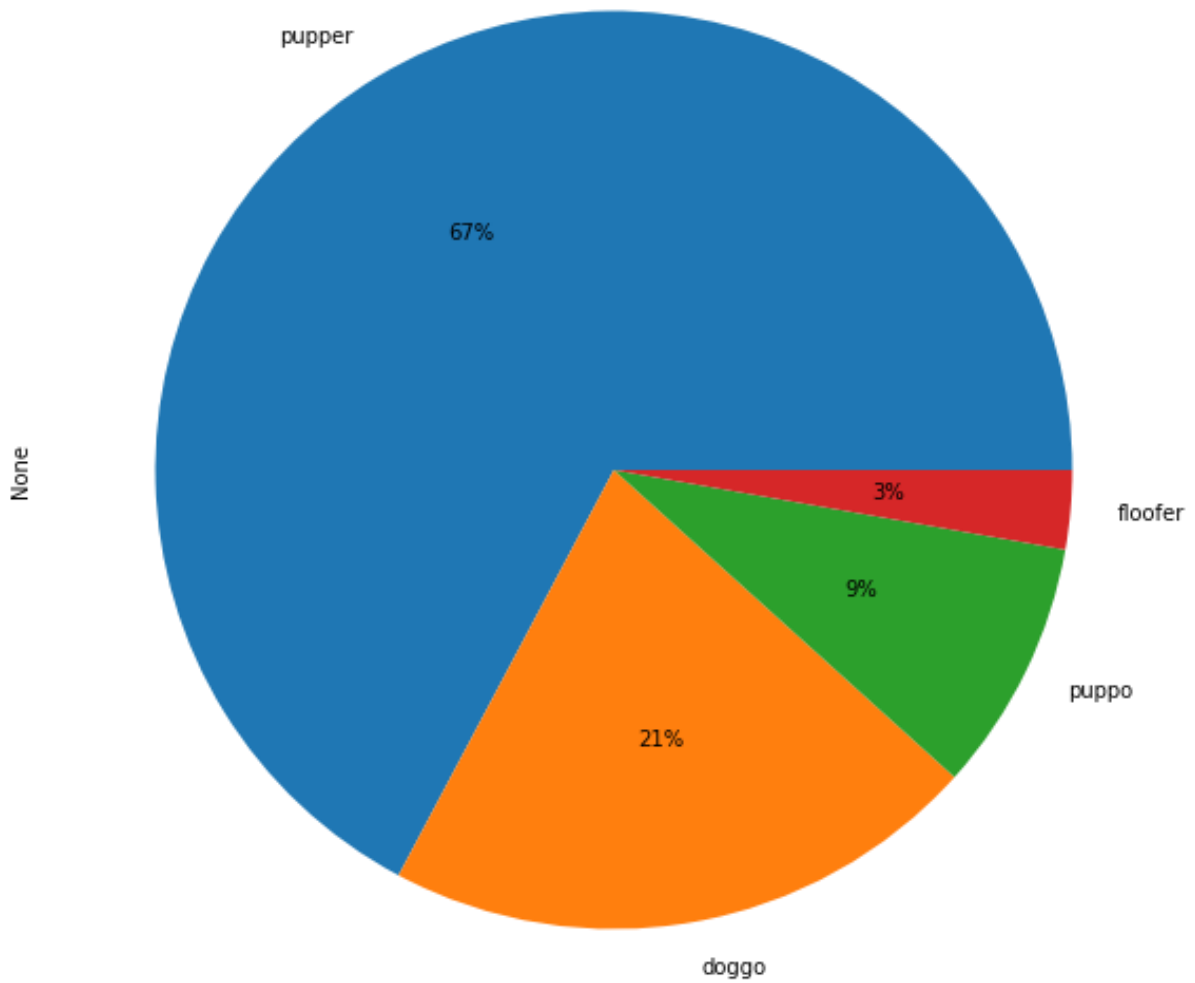3. What breed was retweeted most? Golden retriever the most popular?

% of breed by retweets

Of course, it was the golden retriever

4. What breed was favorited the most? Still the golden boy?

% of breed by favorites

Yes, still the golden boy

5. Most popular dog stage? Little ones or Adults?

Puppersssssssss.

I think I'm about to get myself a Golden retriever that's still a pupper. Hehe