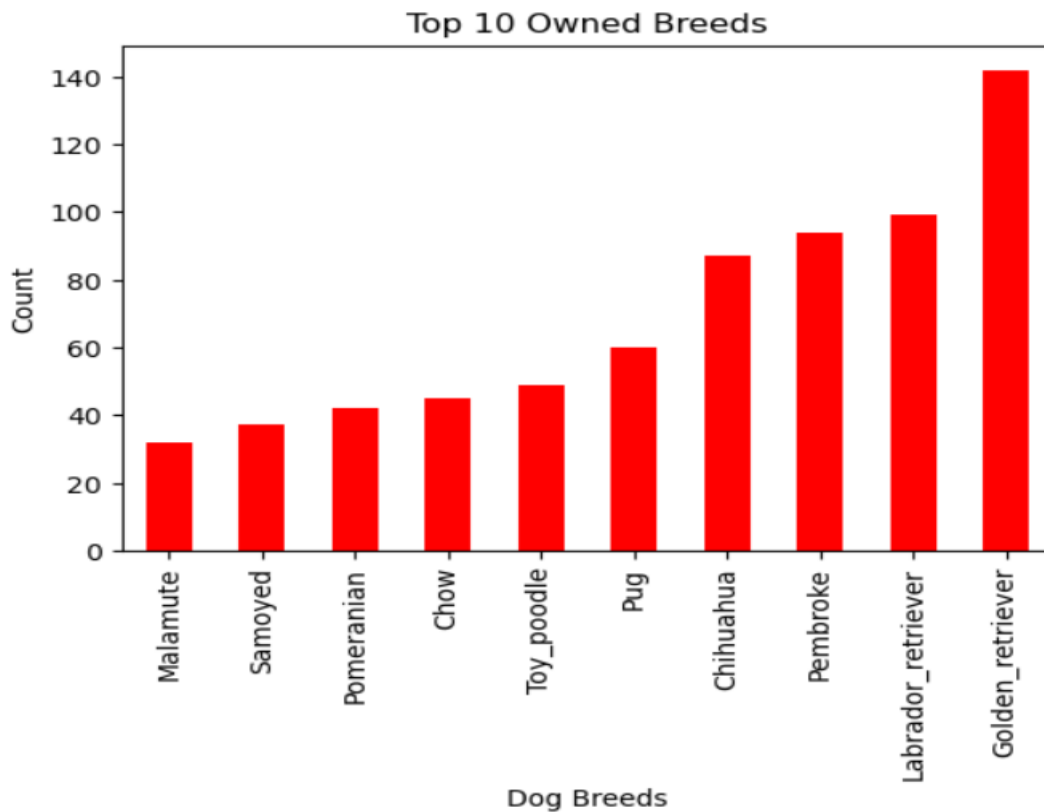# ACT REPORT

WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 4 million followers and has received international media coverage.

I have wrangled the WeRateDogs twitter data and have analyzed it to get answers of questions such as; which is the most owned breed? Is the most owned breed also the most favorited or retweeted breed? Is there a correlation between rating vs retweet counts? Retweet count vs favorite counts? What is the common dog stage? Is the most common stage also the highest rated? Python libraries Matplolib and Seaborn were used to plot these informative visualizations for my analysis.
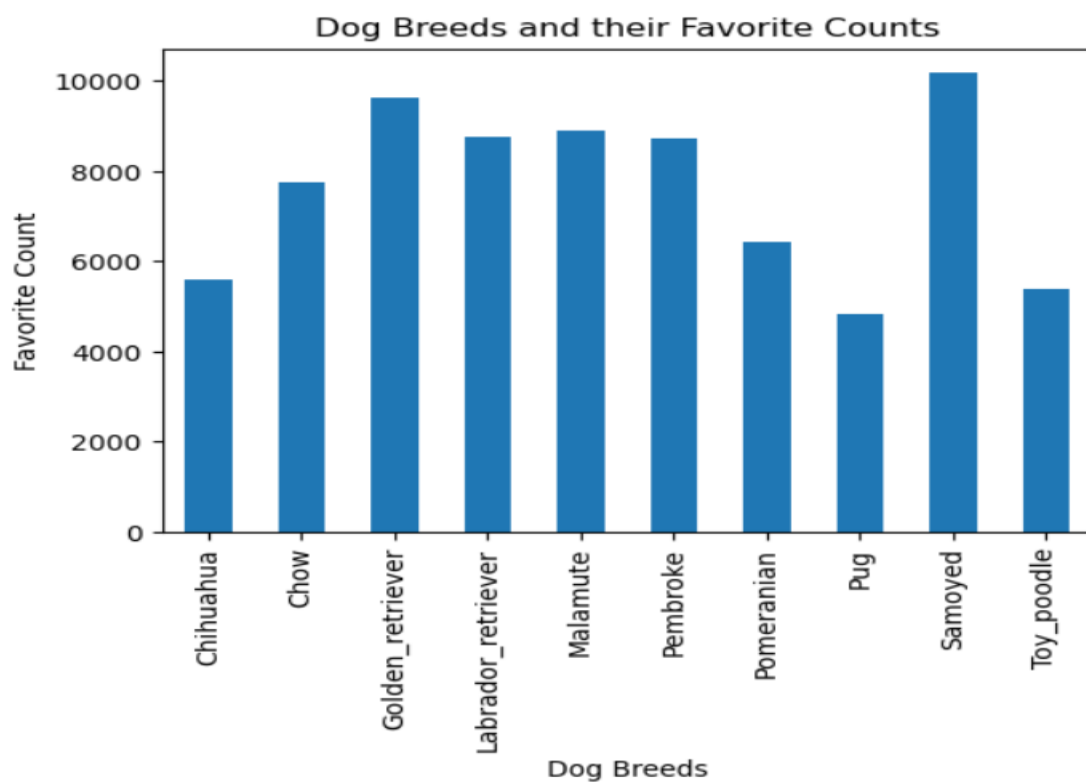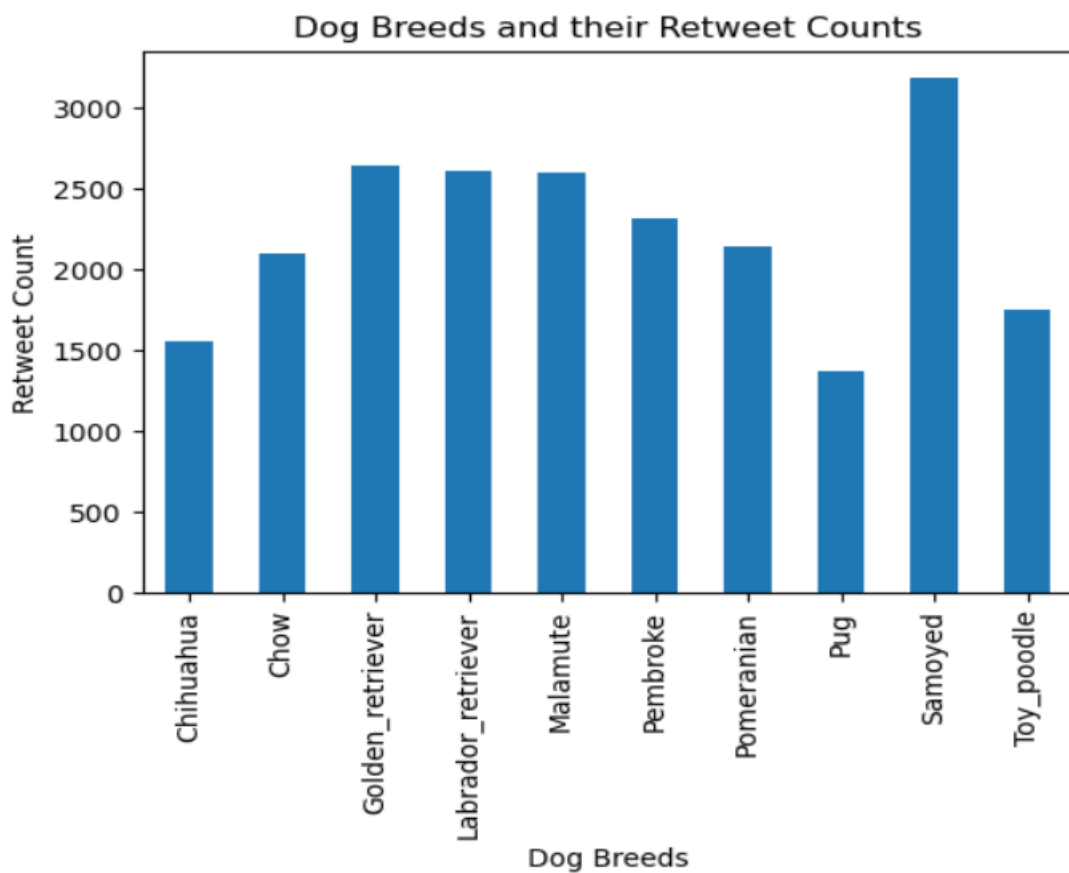
The questions that will lead the analysis are;

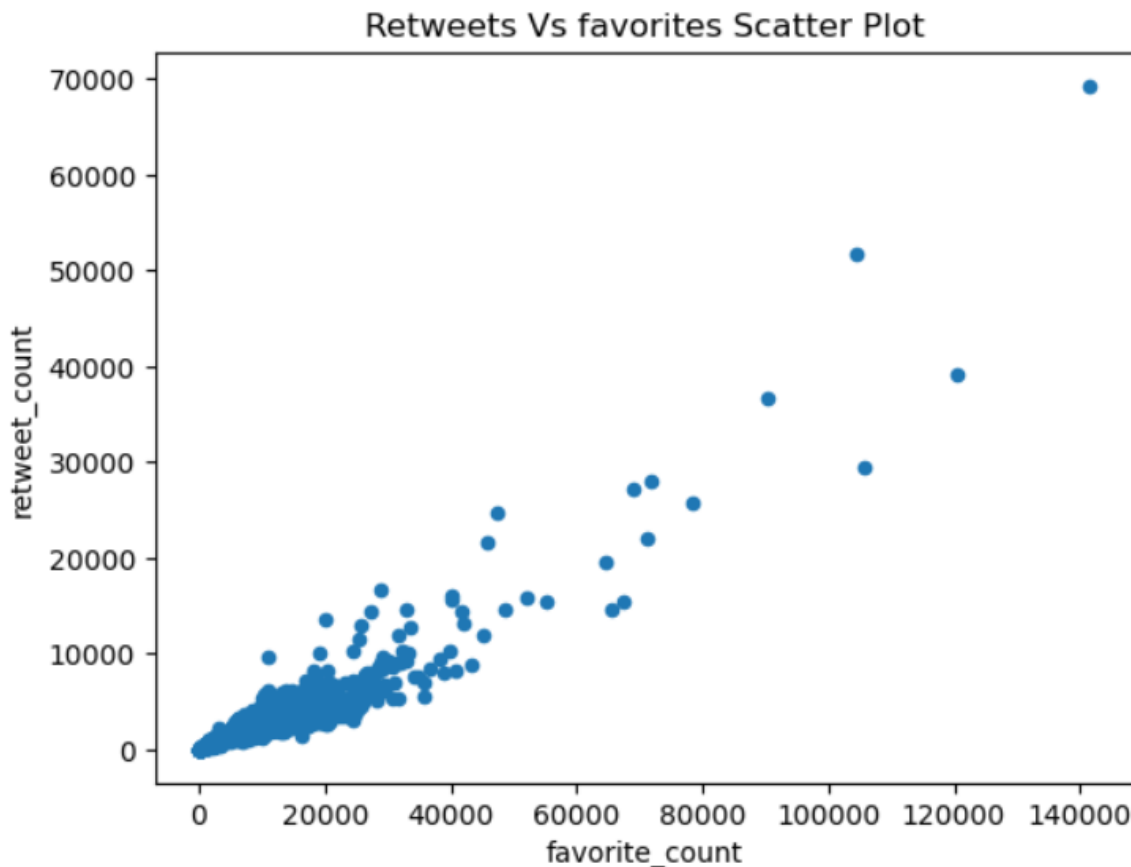1. **Which is the most owned breed?**

Golden retriever is the most owned dog breed with 140 counts. This is expected as this dog breed is known to be the friendliest, a man's best friend and the ultimate family dog.

2. **Is the most owned breed also the most favorited or retweeted breed?**

Dog Breeds and their Retweet Counts

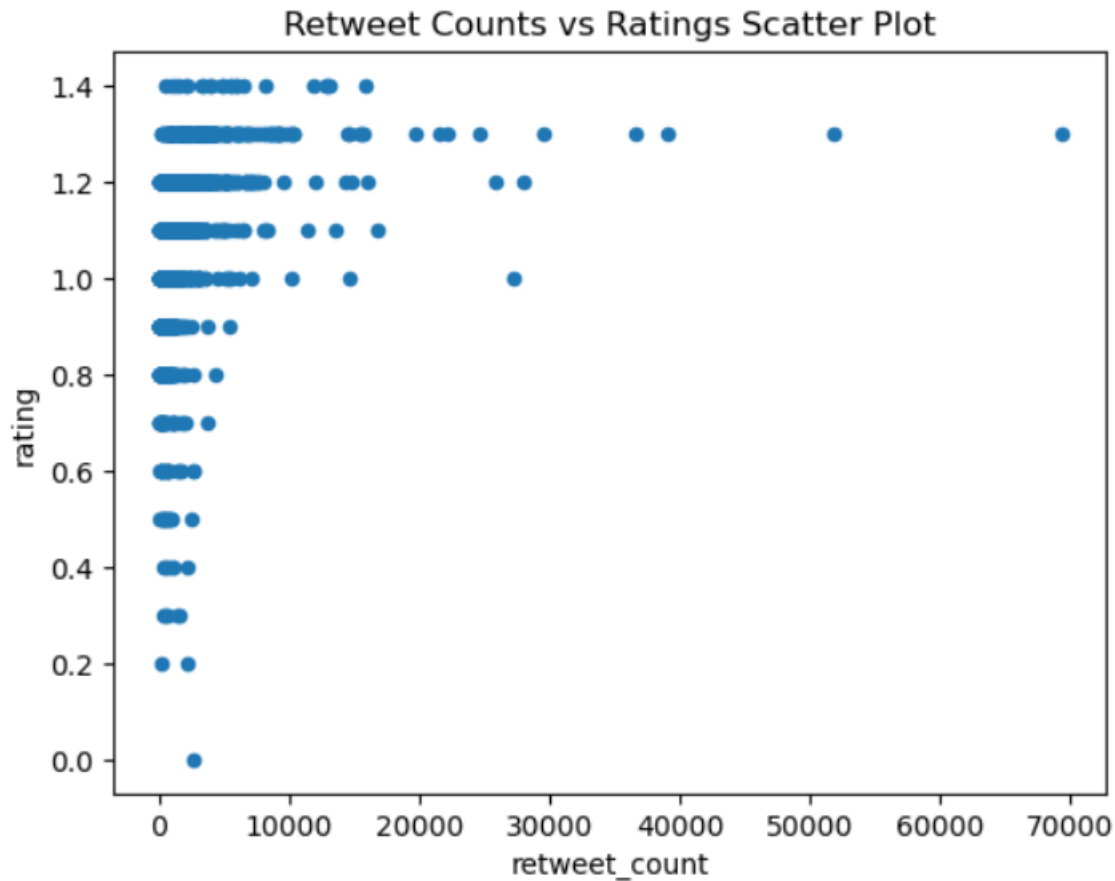## Dog Breeds and their Favorite Counts

Popularly referred to as the smiling sledge dog, the Samoyed breed is the most favorited and retweeted dog. This is also not surprising as it's the most beautiful dog. Their thick and fluffy white colored fur makes their appearance attractive. The Golden retriever is the second most favorited and retweeted dog.

3. **Is there a correlation between rating vs retweet counts? Retweet count vs favorite counts?**

Favorite and retweet counts have a positive correlation. The highest retweeted tweet is also the most liked. This was also seen with the Samoyed breed being highest in both retweet and favorite counts.

Retweet Counts vs Ratings Scatter Plot

The highest rated tweets received the minimum number of retweet count. This is not constant though as it varies as some high ratings also had high retweet counts.
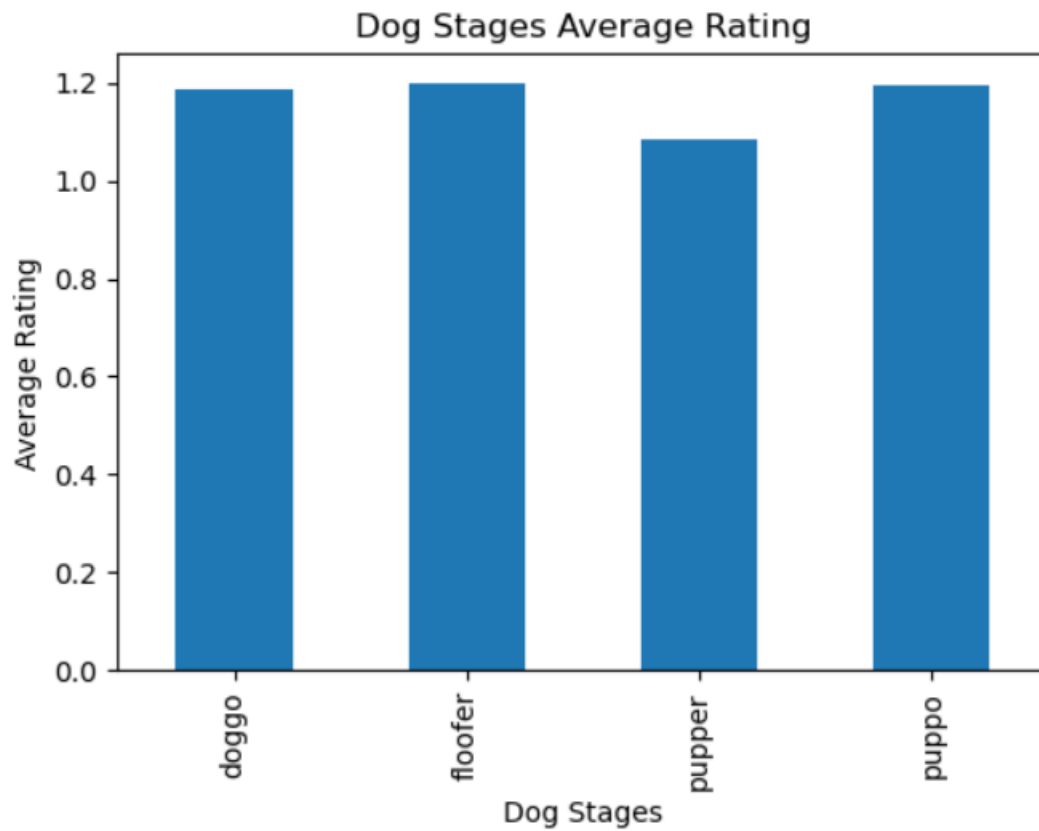
4. What is the common dog stage?

```
[94]: twitter['dog_stages'].value_counts()
```

```
[94]: pupper          165
      doggo            51
      puppo            20
      floofer           7
      doggopupper       6
      doggopuppo        1
      doggofloofer      1
      Name: dog_stages, dtype: int64
```

Insight:

    pupper is the most common dog stage.

5. Is the most common stage also the highest rated?

Dog Stages Average Rating

The most common stage stage, the pupper, a lingo for puppy stage is the least rated. The floofer stage which is a lingo for big dog stage is the highest rated.