WeRateDogs Twitter Archive Act Report
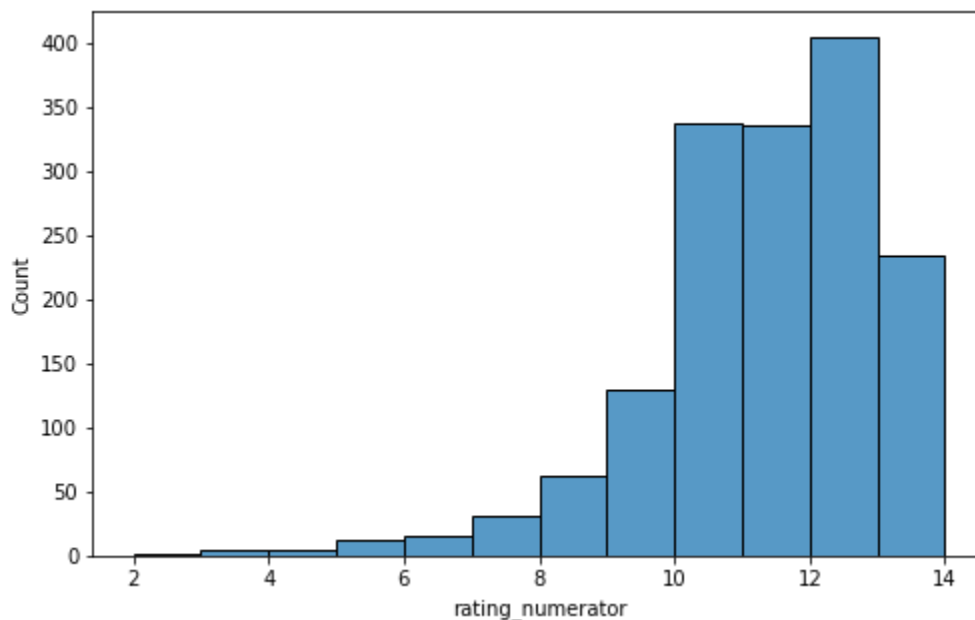
For Udacity Nanodegree Project

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This report communicates the insights and displays the visualizations produced from the wrangled data. After gathering, assessing, cleaning and then storing the cleaned data from WeRateDogs archive, I came up with the following insights and visualizations.
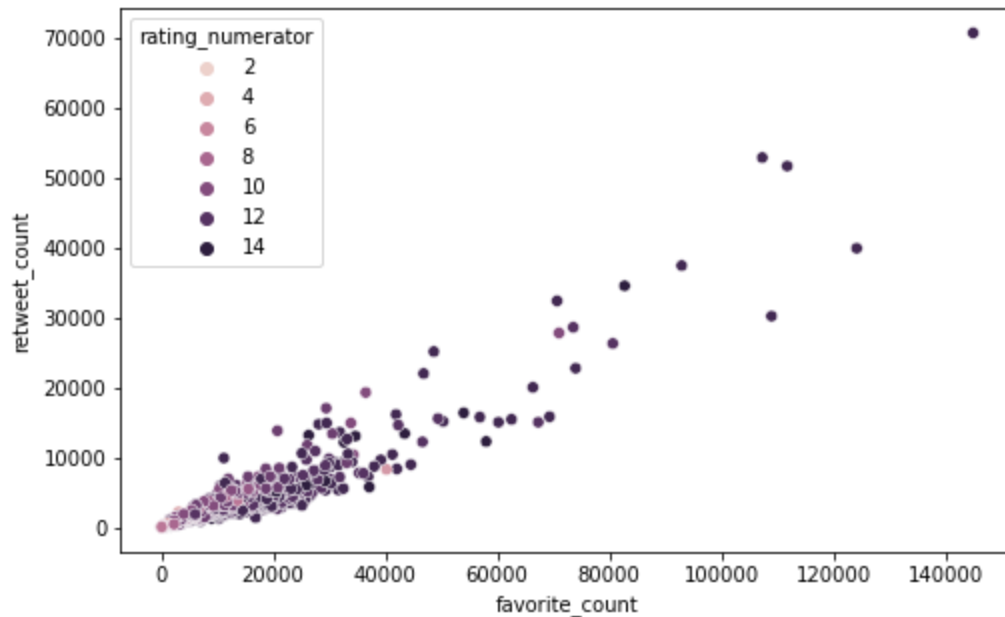
Insights and Visualizations
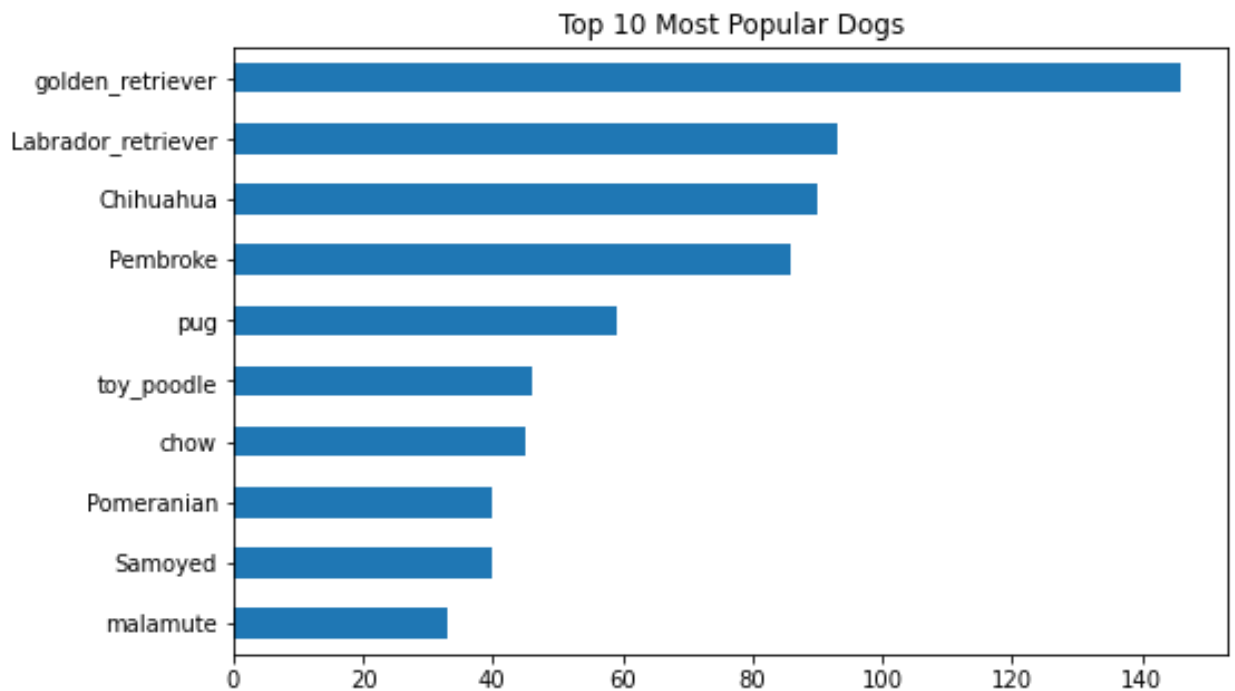
1. **What is the most common dog rating?**

The rating_numerator distribution is left skewed. Most of the ratings are on the high side. The histogram above shows that **12/10** is the most common rating.

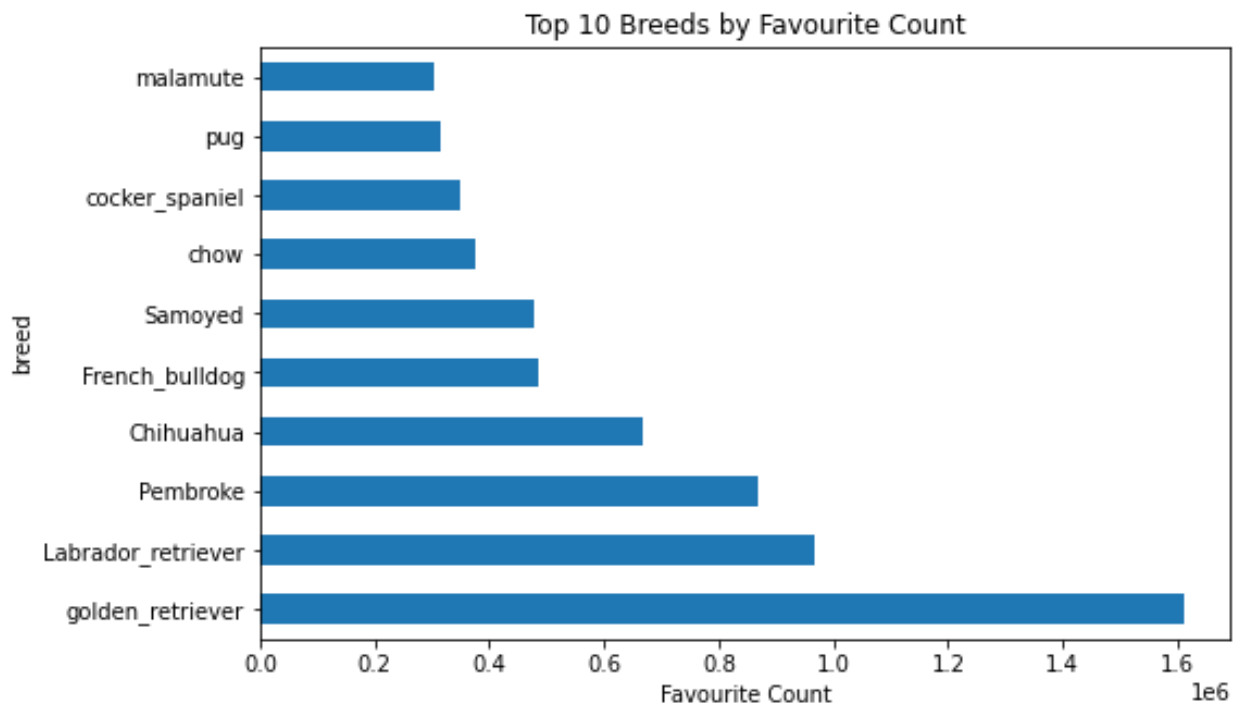2. **Do dogs with high retweet and favourite counts have high ratings?**

The scatterplot above shows that there is a strong positive relationship between retweet count and favourite count. On adding rating_numerator as hue to the plot, we can see that dogs with high retweet and favourite counts do have high ratings.
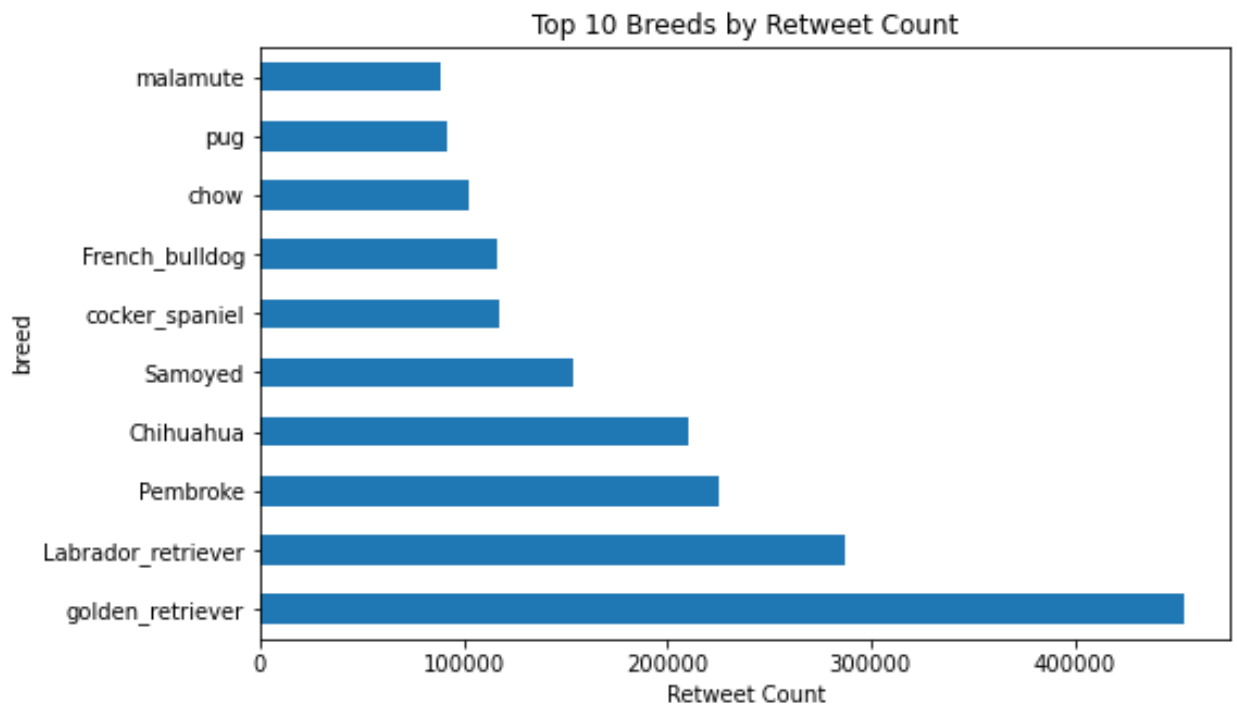
3. What are the most popular dog breeds?

Top 10 Most Popular Dogs

The most popular breeds of dogs are **Golden Retriever, Labrador Retriever**, **Chihuahua**, Pembroke, Pug, Poodle, Chow, Pomeranian, Samoyed and Malamute.
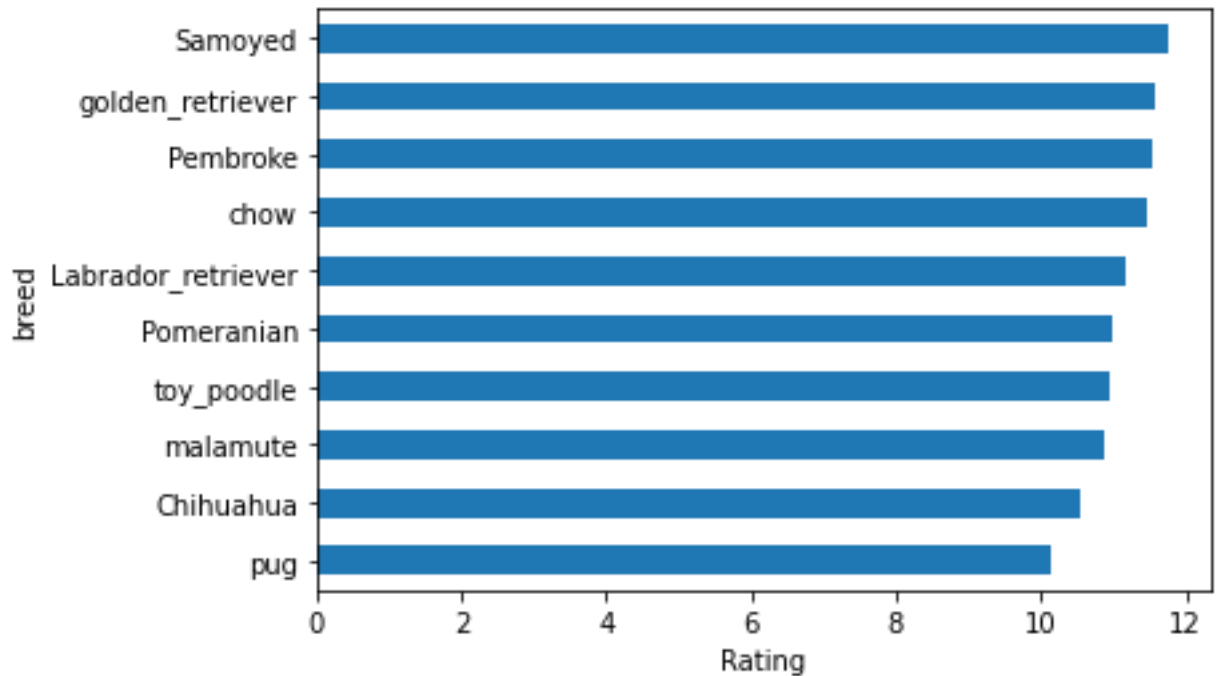
4. What are the most liked breeds of dogs?

The most liked breeds (i.e breeds with the highest favourite counts) are the **Golden Retriever**, **Labrador Retriever**, **Pembroke**, Chihuahua, French Bulldog, Samoyed, Chow, Cocker Spaniel, Pug and Malamute.

5. What breeds have the highest retweets?

The breeds with the highest retweets are **Golden Retriever**, **Labrador Retriever**, **Pembroke**, Chihuahua, Samoyed, Cocker Spaniel, French Bulldog, Chow, Pug and Malamute.

6. Which of the most popular breeds has the highest average rating?

After grouping by breed, and aggregating the rating numerator by mean, **Samoyed** has the highest average rating which is **11.75/10**.