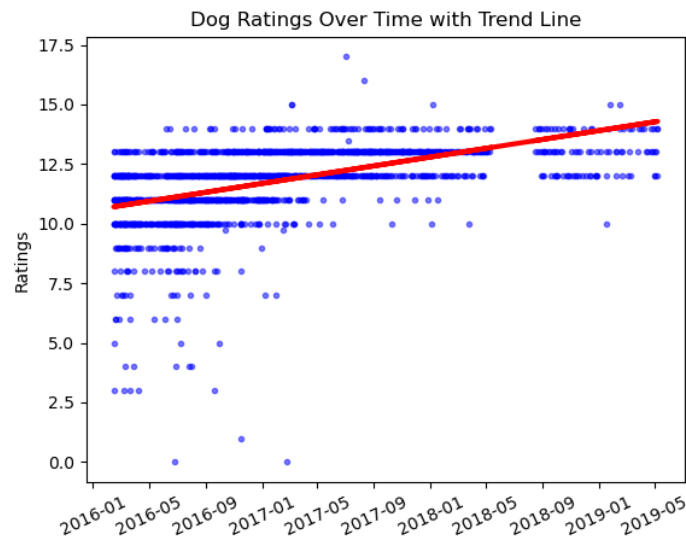


Our analysis of @dog_rates twitter account shows a growing love for pups among the followers. Over time, there has been a consistent inflation in dog ratings, showing a clear ongoing increase. Here's what we found:

1. Dog ratings are rising over time

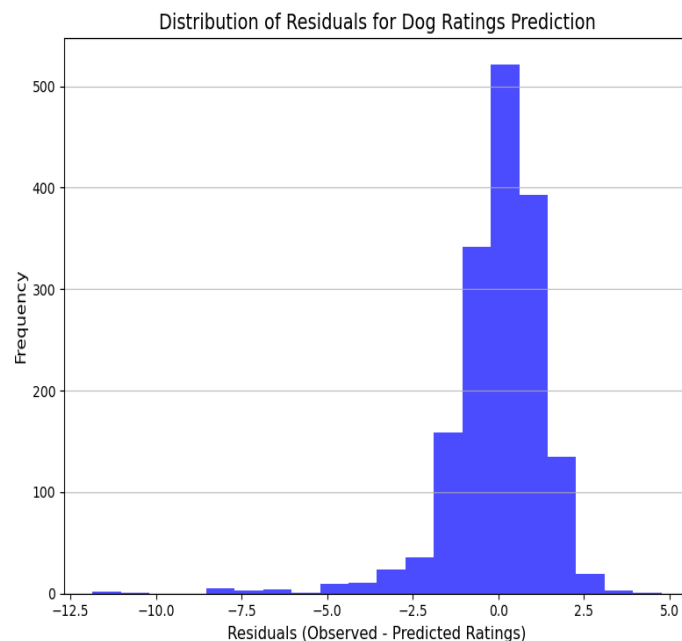
We looked at the ratings given to dogs from 2016 to 2019. A scatter plot with a trend line shows a clear increase, meaning that ratings are more generous over the years. This suggests that the Twitter community's positivity and enthusiasm for adorable pups have increased.



This scatter plot shows individual dog ratings (the blue dots) over time with a red trend line showing the positive increase of ratings.

2. Ratings consistency and outliers

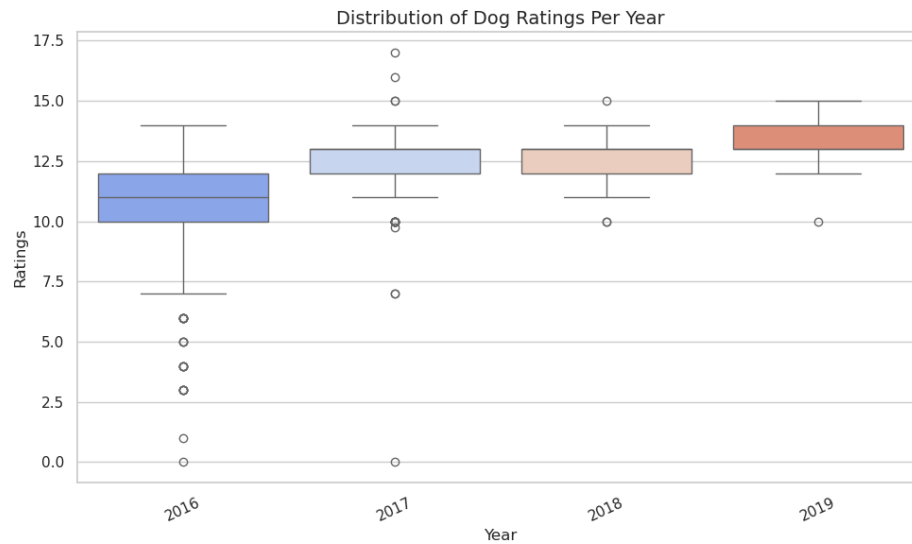
Next we explored how consistent these ratings are. A distribution of residuals shows that most ratings closely follow the trend, clustering around zero. However, there are some notable outliers, likely reflecting some particular dog posts. For example, a dog in a costume might break the scale, while a blurry photo might not score as high.



This histogram shows how closely individual ratings align with predicted trends, with a few outliers representing extreme ratings.

3. **Boxplots shows generosity growth**

Finally, the boxplots summarizes how ratings have changed each year. These plots clearly show that the median ratings have increased consistently, with a slight decrease in the spread over time. This means that ratings are getting higher, but also becoming more consistent.



Boxplots shows the increasing generosity in dog ratings over time.