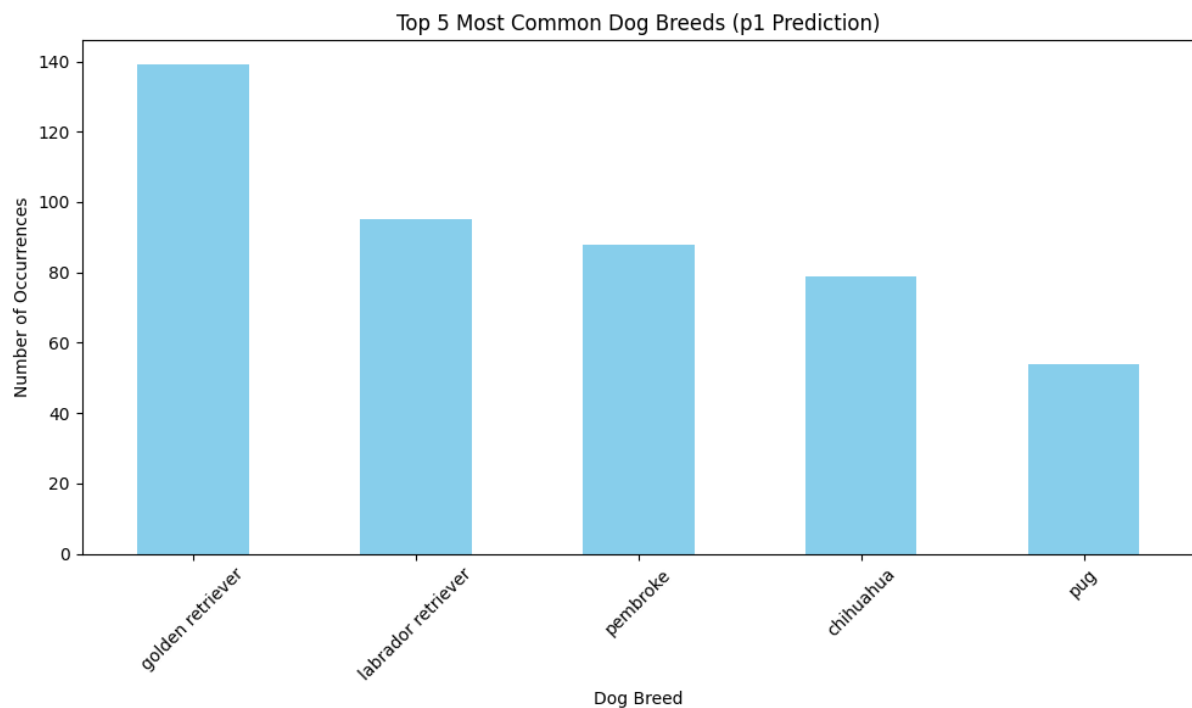


WeRateDogs Twitter Data Analysis Report

The WeRateDogs Twitter account has become a social media phenomenon, delighting millions with its humorous and heartfelt dog ratings. To better understand the trends and engagement on this account, we analyzed a curated dataset of original tweets, image predictions, and tweet metrics. This report summarizes key insights and visualizations from the data wrangling and analysis process.

Most Common Dog Breeds

Using a neural network's first prediction (``p1``), we identified the most frequently appearing dog breeds in the dataset. The bar chart below shows the top five breeds:



Golden Retriever leads the pack, followed by **Labrador Retriever**, **Pembroke**, **Chihuahua**, and **Pug**. These breeds are not only popular in real life but also seem to capture the hearts of the WeRateDogs community.

Dog Stage and Ratings

We explored how the average rating numerator varies by dog stage. Interestingly, dogs classified as both "doggo" and "puppo" received the highest average ratings (13.0), followed by "floofer" (12.0) and "puppo" (11.95). This suggests that certain dog stages, especially combinations, may be perceived as especially endearing or rare, prompting higher ratings.

Engagement Metrics

There is a strong positive correlation (0.91) between retweet counts and favorite counts, indicating that tweets which are liked are also more likely to be shared. This highlights the viral nature of popular dog tweets and the interconnectedness of engagement metrics on Twitter.

Conclusion

The analysis reveals not only the most beloved breeds and stages but also the dynamics of audience engagement. The WeRateDogs account's unique rating system and focus on original, image-rich content have contributed to its widespread appeal. By cleaning and merging multiple data sources, we have created a robust foundation for further exploration of social media trends in the world of canine appreciation.