



We Rate Dogs Wrangling and Analyze Data



A close-up photograph of a light-colored dog's face, possibly a Golden Retriever, with its eyes wide open in a staring expression. The dog's nose is prominent in the lower left. The background is a solid blue color.

Introduction

The WeRateDogs is Twitter's Data. I gathered the data from three different dataframes. All three data frames had issues with quality and tidiness the needed to be addressed. After I had one cleaned dataframe, I was then able to analyze the information. This report is some of the insights I found that were interesting.

Project Goals

- See how the users are engaging on Twitter with this data. I want to compare if a user 'likes' a tweet, does that mean it will be 'retweeted'.
- To see which dog breeds are more popular by looking at the users activity of 'likes' and 'retweets'.
- What types of dogs are more popular between the users. Is there a trend.

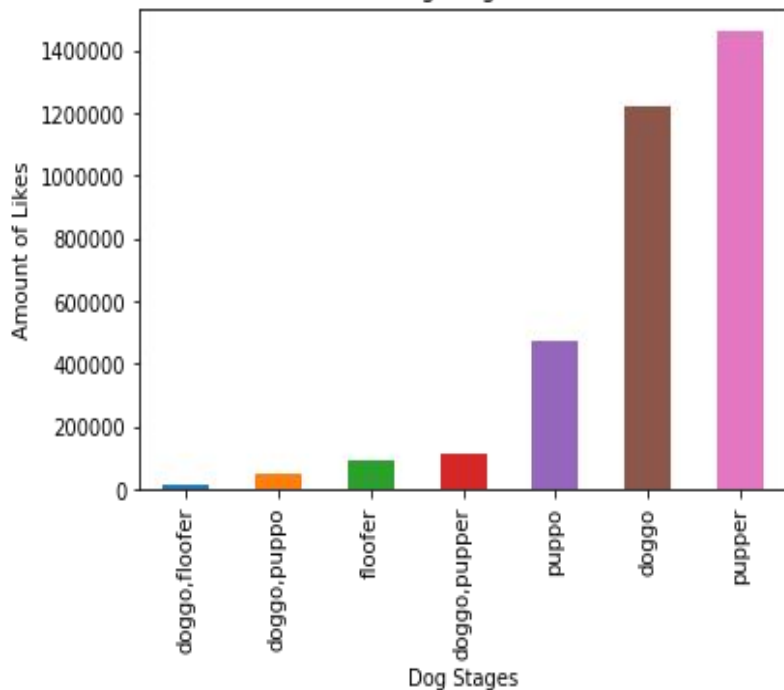


Gathering And Cleaning

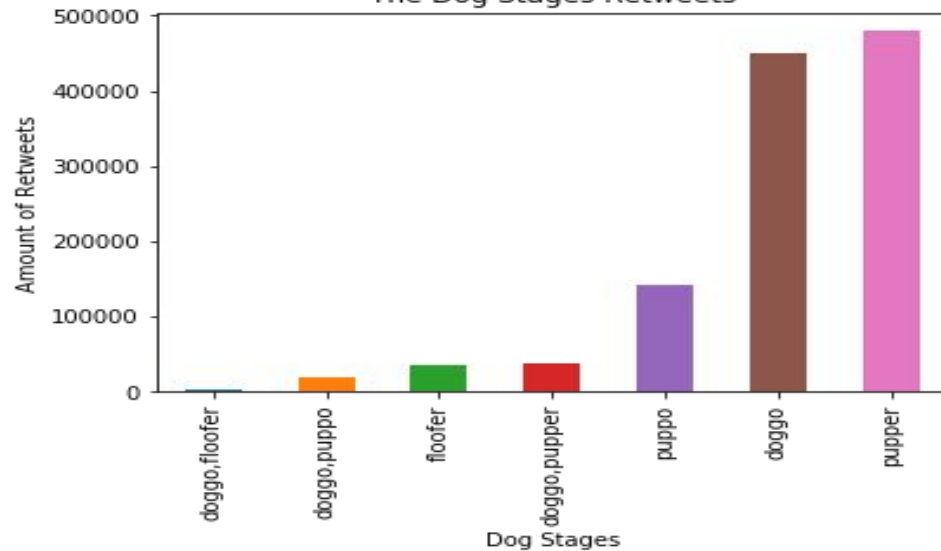
A light-colored puppy, possibly a Golden Retriever, is sitting on a grassy area. The puppy is looking towards the camera with a calm expression. Its fur is a pale cream or light tan color. The background is a soft-focus green lawn.

- There are names that are not actual names. Need to replace them with 'None' to show no actual name is there.
- Create a breed column and a confident_level column. Using the p1, p1_conf, p2, p2_conf, p3, p3_conf columns and combining them. Then dropping the old columns that are no longer needed.

The Dog Stages Likes



The Dog Stages Retweets

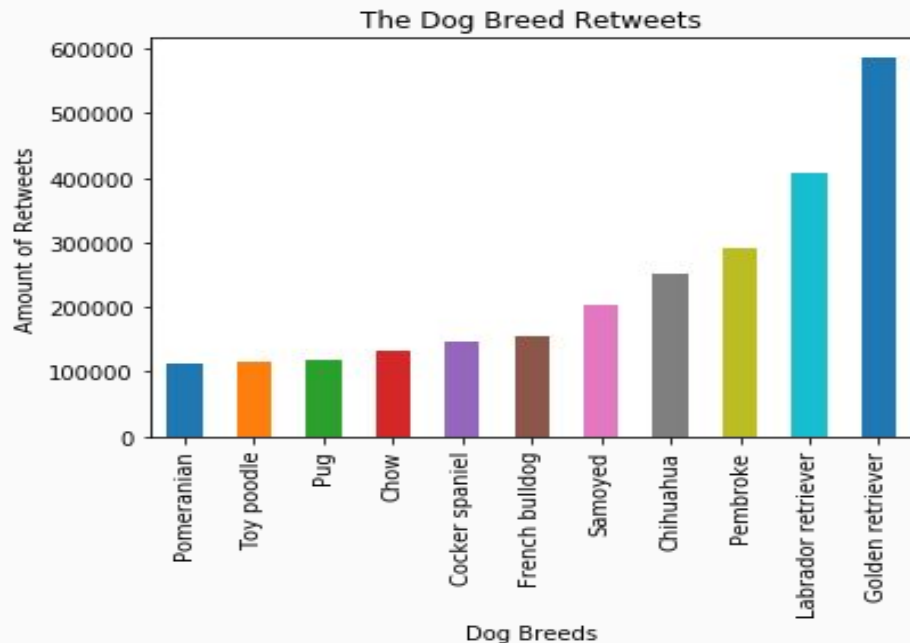
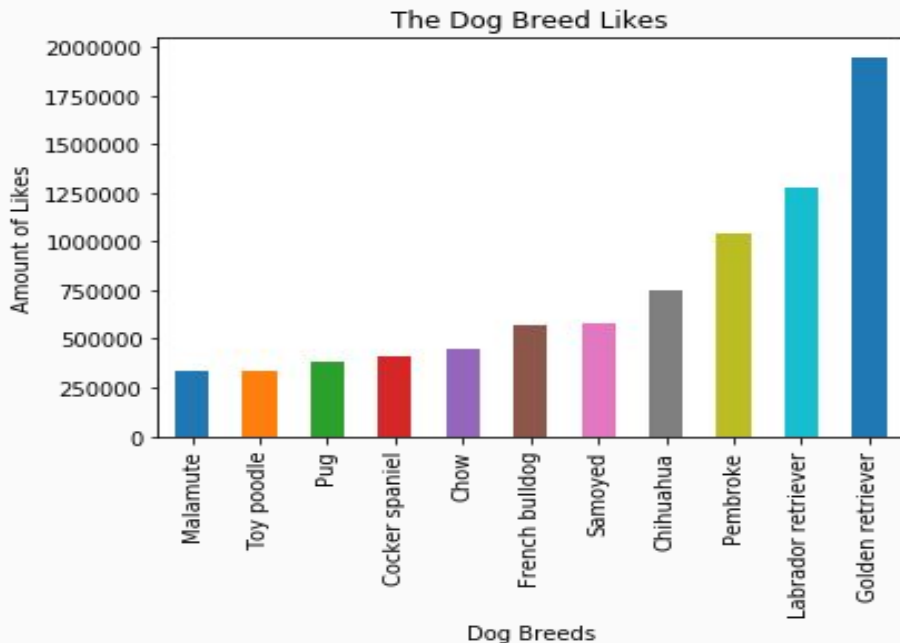


Dog Stages Likes and Retweets

- The Pupper stage wins the most popular.
- Followed closely behind is the Doggo stage.
- Trailing last is the Doggo, Fluffer stage.

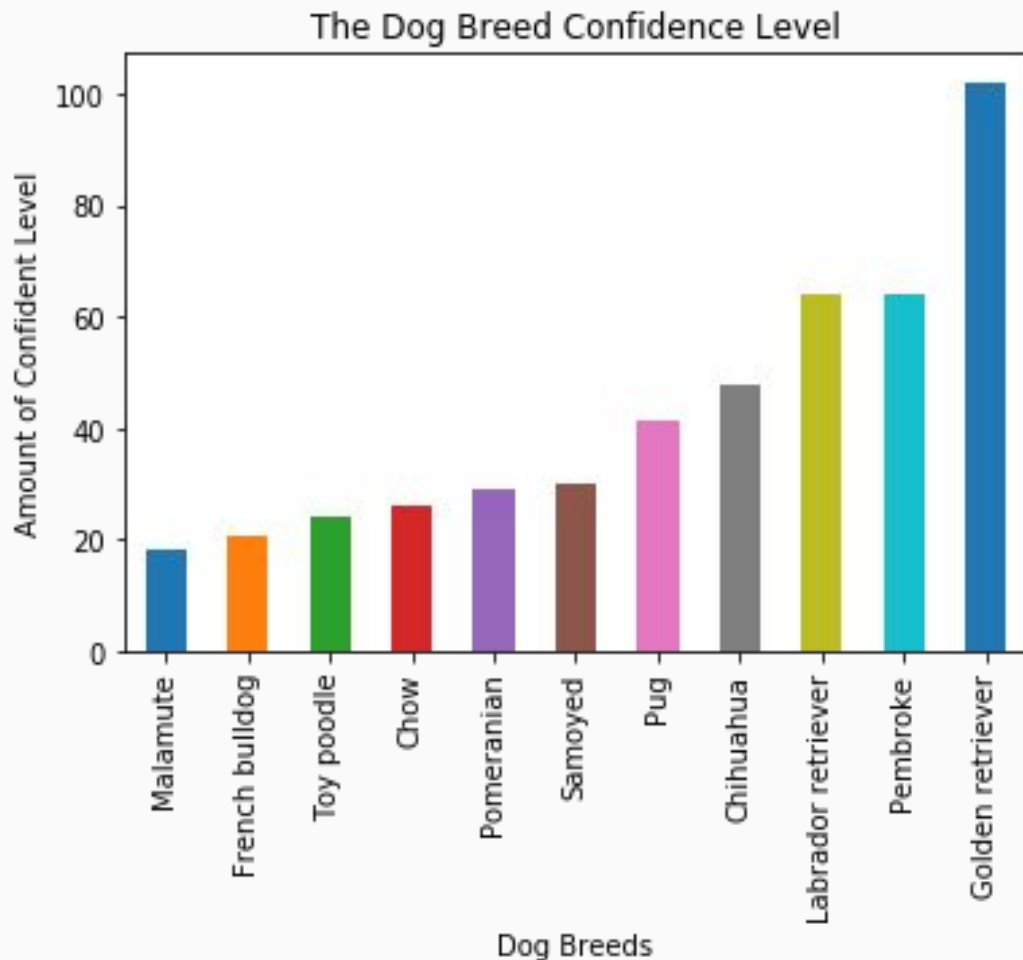
Top 10 Dog Breeds Likes and Retweets

- Golden Retriever lead the pack.
- Golden Retriever suppress the pack in both likes and retweets
- Labrador Retriever and Pembroke are the next to follow .
- The Toy poodle and Malamute while still has a large amount of activity is in last.



The Top 10 Dog Breed Confidence Level

- The Golden Retriever is again a favorite. Which has been consistent in the data.
- The Pembroke and Labrador Retriever again are at a tie for second.
- The other breeds to fall in a different order compared to the likes and retweets.



Conclusion

- This data frame has an abundance of information. We can see when items were liked or retweeted. Also we can see source it came from.
- I have shown that the likes and retweets relationship do in fact correlate with one another, although just because an item is liked does not necessarily mean it was also retweeted.
- The Pupper and Doggo stage are leading the pack with popularity. While the Doggo, Fluffer is trailing behind being the least favorable.
- The Pembroke breed and Labrador Retriever breed popularity is even with likes and retweets, and confidence levels.
- The Golden Retriever breed user activity shows that it dominates in popularity. In the different types of dog breed in likes, retweets, and confidence levels it surpasses the other dog breeds significantly.





Thank You

