Action Report

September 7, 2022

1 Wrangling WeRateDogs' Twitter archive

WeRateDogs is a Twitter account that rates people's dogs with a humorous comment. These dog ratings almost always greater than 10; 11/10, 12/10, 13/10, etc. WeRateDogs has over 4 million followers on Twitter and has received international media coverage including incidents of censorship following copyright claims.

1.1 Project Steps

1.1.1 The following steps were taken in this analysis

1. Data was gathered from different sources; direct download, using Python's Request library and scraping Twitter's API. The different data files were then loaded using the Pandas library.

2. The loaded data was then assessed visually and programmatically using different Pandas methods.

3. Data cleaning was carried out programmatically after enumerating the different quality and tidiness issues in the data.

4. The cleaned data was stored in a master archive appropriately named although more cleaning needs to be done before the data is completely clean

5. Finally, a brief analysis and data visualization was done to glean a few insights into the data.

1.2 Insights

- The top 3 predicted dog breeds are: Golden Retriever, Labrador Retriever and Pembroke.

- The most retweet and favourite counts respectively are 79,515 and 132,810.

- The most common WeRateDogs' dog type is the **pupper** followed by **doggo**.

- The commonest rating given to dogs ia 12/10 while the least common is 14/10. None of the dogs were rated 15 which is the maximum ever rating given by WeRateDogs.

- Dog tweets are more common during the week than on weekends with Mondays having the highest tweet count.

Distribution of Ratings

*Maximum rating ever is 15/10

Tweet count by Day of the Week