Insights and Visualization Report of the WeRateDogs Twitter Data

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Insights

Analysis of retweets and favorite Counts

The highest number of retweets was 70, 786 with a minimum of 11 (and mean reweets was 2372). Similarly, the highest number of likes a tweet got was 144, 954 and the lowest was 66 (and mean favorite count was 8041).

Analysis of Ratings

Furthermore, the minimum rating numerator for a dog was 0 while the highest was 1776 with a mean rating of 12.12.

The minimum rating denominator for a dog was 2 while the highest rating was 170 with a mean rating of 10.46.

The highest given dog rating numerator was 12 and the highest given dog rating denominator was 10.

Analysis of Dog Stages

Most dogs didn't have their stages specified but the commonest dog stage was pupper and the least was floofer.

Analysis of Tweets

The tweets were gathered from between 2015 to 2017, with the most activity recorded on 2015-11-29.

Which dog type was the commonly identified by the algorithms prediction?

The Golden_Retriever was the most identified by the algorithms first prediction.

The Labrador_Retriever was the most identified by the algorithms second prediction.

The Labrador_Retriever was the most identified by the algorithms third prediction.

What is the percentage successful prediction of a dog type by the algorithm?

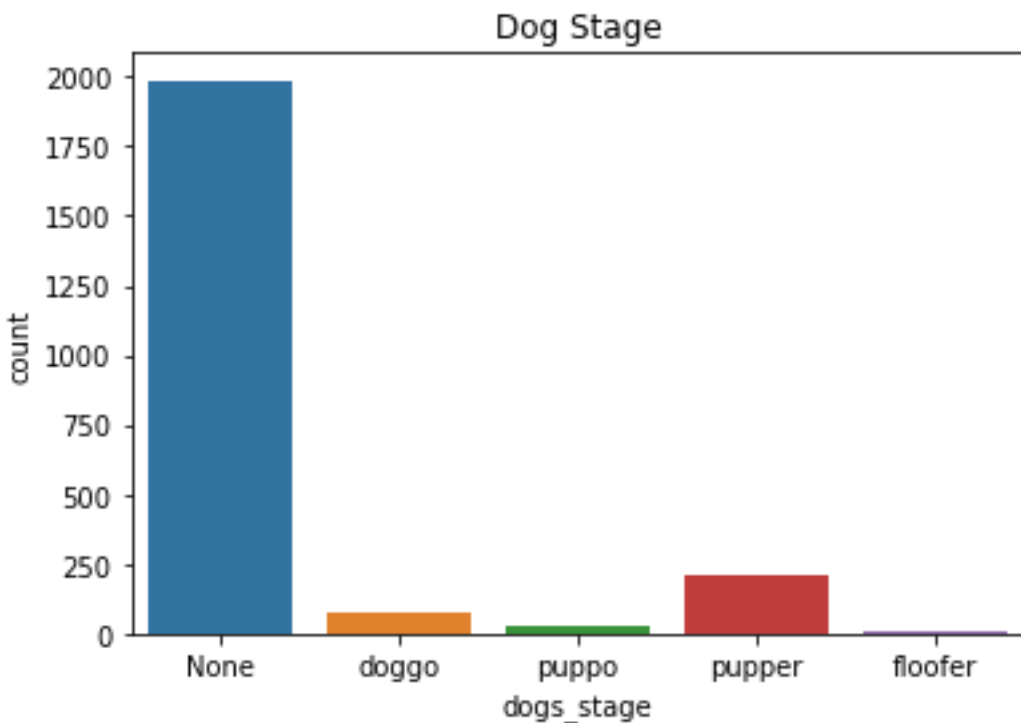The algorithm was about 74% right in predicting a dog type during the first time.

The algorithm was about 75% right in predicting a dog type during the second time, indicating a minor improvement in prediction accuracy of 1%.

The algorithm was about 72% right in predicting a dog type during the third time.
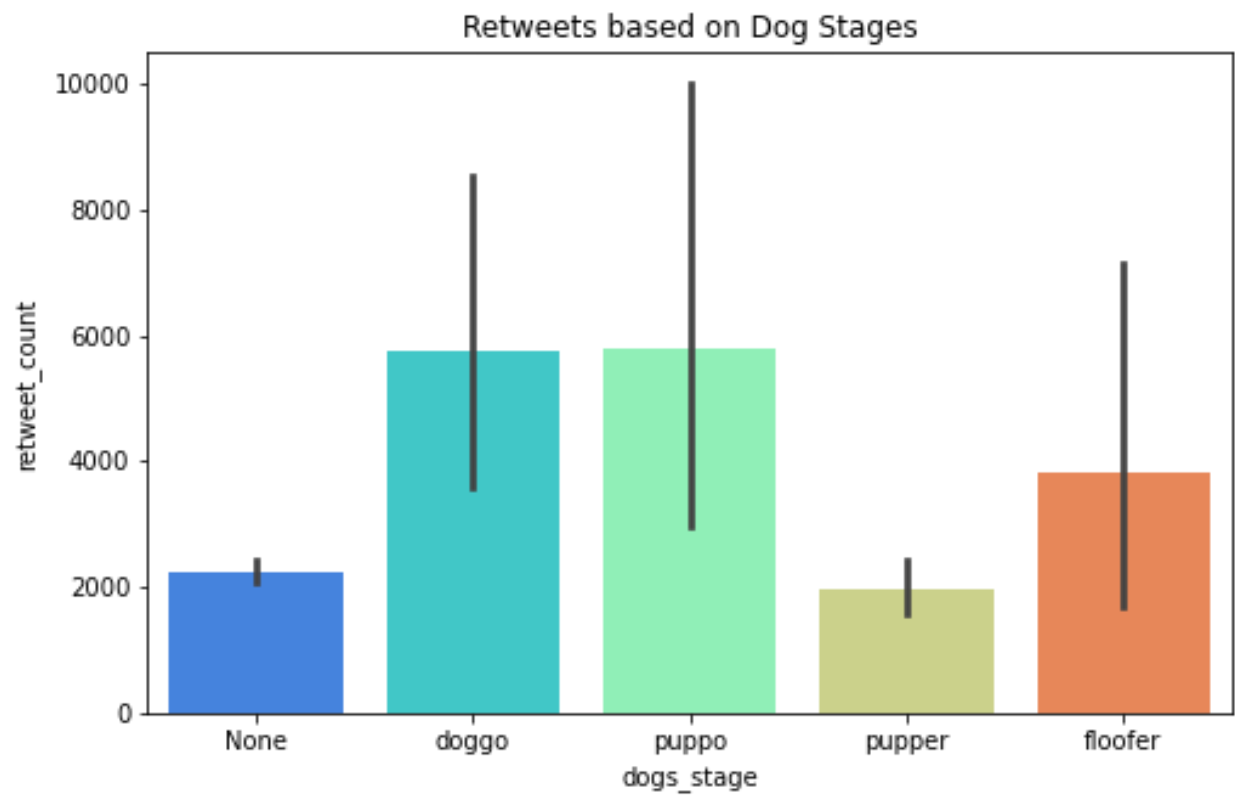
Visualizations

Dog Stages Distribution

Although most dogs didn't have their stages specified, the pupper stage was the commonest

Retweets Count based on Dog Stages

Puppo and Doggo dog stages had the highest number of retweets.

Favorites Count Based on Dog Stages

The Puppo dog stage had the highest number of favorite counts also.