

ACTS REPORT

After undergoing the steps in wrangling the given datasets and arriving at a cleaned data, we then analyze the data to produce and derive at Insights incurred during the analysis. After the insights are arrived at visualizations are then produced to communicate the findings for better presentation. Five Insights and two visualizations were derived after the analysis. The insights gathered After analysis are as follows;

- The top ten most predicted dogs were the Golden retriever, Labrador retriever, Pembroke, Chihuahua, Pug, Chow, Samoyed, Toy poodle, Pomeranian and the Cocker spaniel, with the Golden retriever seen as the most predicted with 150 counts.
- The top five predicted dogs with the most favorite counts were the Labrador retriever, Lakeland terrier, Chihuahua, French bulldog, and the Eskimo dog, with the Labrador retriever at the lead with 144393 counts.
- The top five predicted dogs with the most retweet counts were the Labrador retriever, Eskimo dog, Chihuahua, Lakeland terrier and the English springer, with the Labrador retriever at the lead with 70467 counts.
- The top five predicted dogs with the highest confidence levels were the Jigsaw puzzle, Swing, Barrow, Komondor and the Chow, with the Jigsaw puzzle with the most confidence level of 1.

After the insights were documented, few visualizations were displayed and they are shown below.

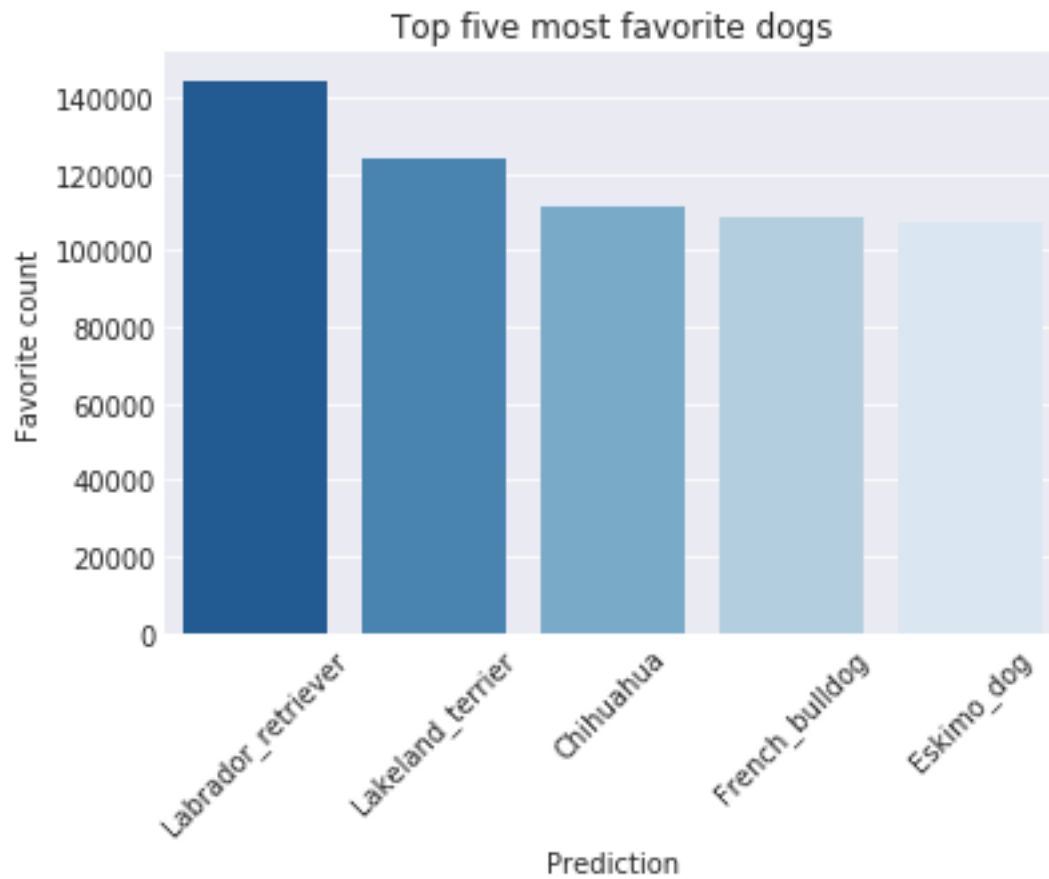


Fig 1

The figure above is a bar chart showing the top five most favorite dogs, and it illustrates how the insight was arrived at.

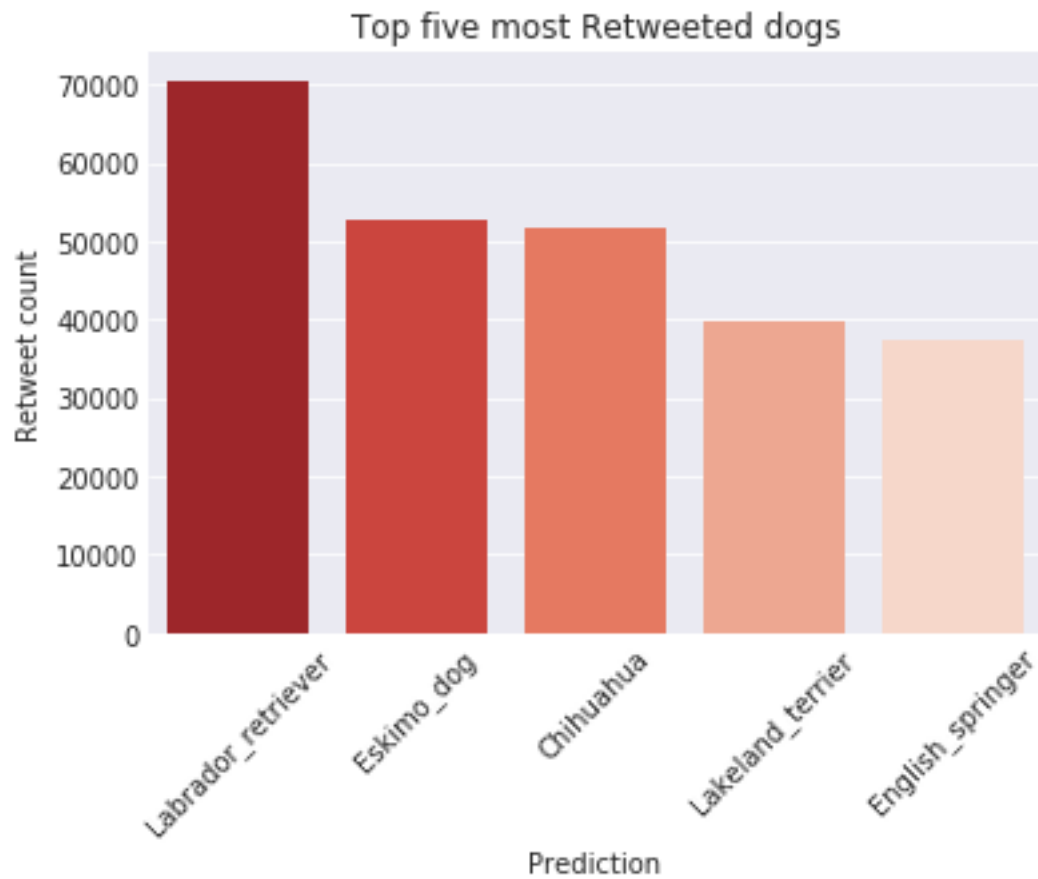


Fig 2

The figure above is a bar chart which shows the top five most retweeted dogs, the Labrador retriever is seen as the most retweeted as it was documented in Notebook.