# Act Report

Assessment Results:

- All the Retweets and Reply tweets are deleted
- Based on dog types: doggo, floofer, pupper, puppo, 'doggo, puppo', 'doggo, pupper', 'doggo, floofer', only one categorical column is created named as 'stage'
  A main dataframe is created using df_tweets_clean, df_image_clean, and df_info_json_clean dataframes
- Dog Names Issue are corrected
- The columns such as in_reply_to_status_id, in_reply_to_user_id, retweeted_status_id, retweeted_status_user_id, and retweeted_status_timestamp is removed which is not needed
- Timestamp format changed datetime format
- Sources of information are extracted.
- We choose the prediction of image based on highest confidence. P2 and p3 related columns were removed
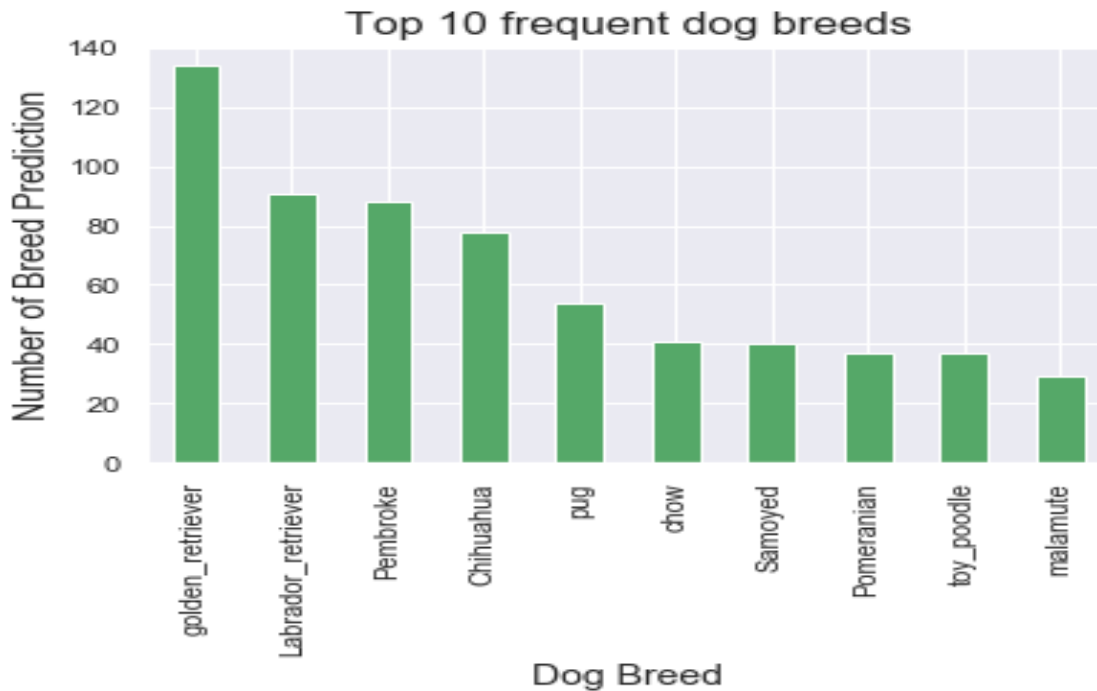- Generated numerators for ratings with decimals
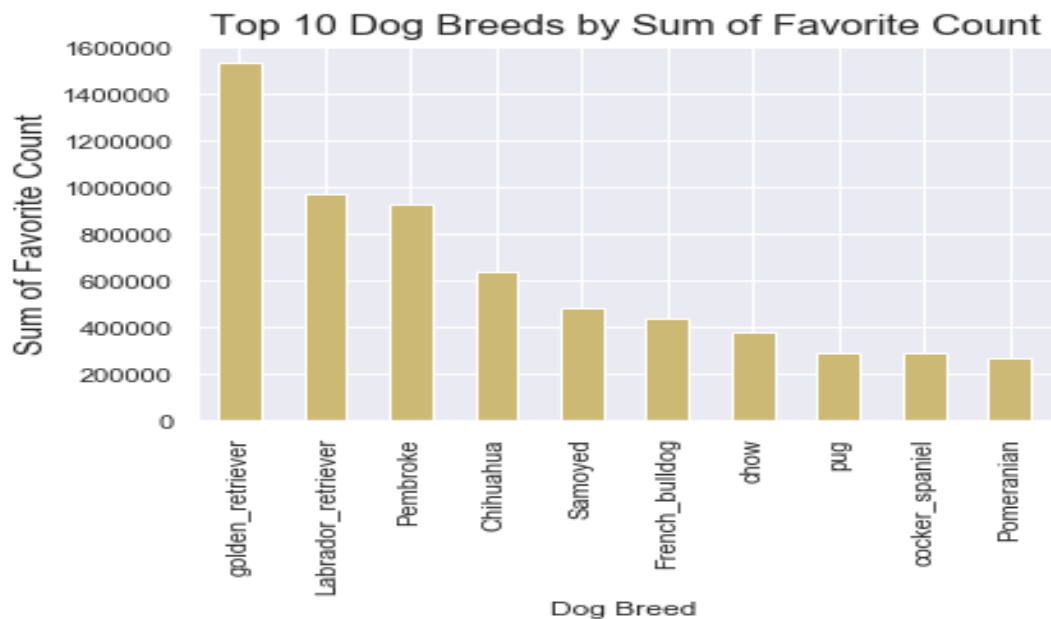
Insights:

1.

Distribution of Ratings
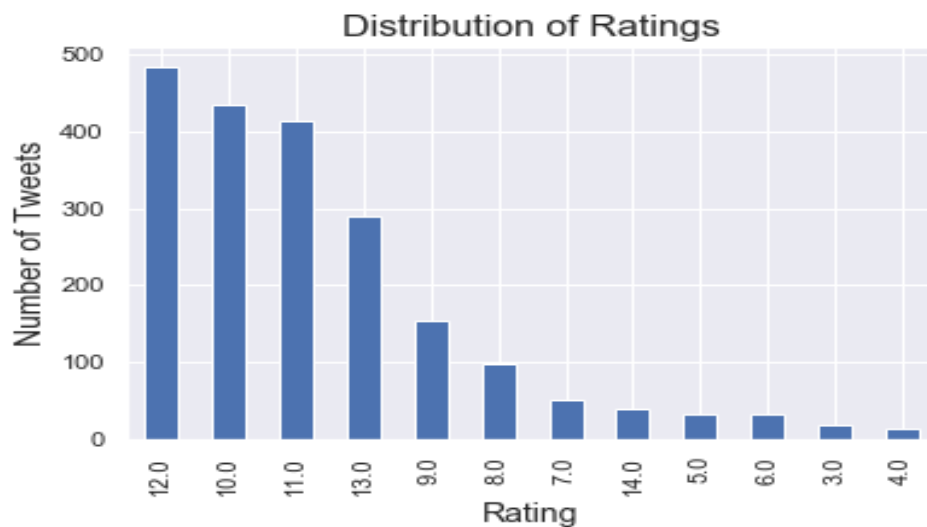
Most of the dogs score a rating of 12 followed by 10 and 11.

1.

Top 10 frequent dog breeds

Most common dog that is tweeted about, with almost 137 tweets, is the Golden Retriever, as identified (predicted) by the neural network.

2.

Top 10 Dog Breeds by Sum of Favorite Count

Dogs with most number of favourite count is Golden Retriever. which is followed by Labrador_retriever ,Pembroke and Chihuahua

3. Tweet with maximum number retweets have 77877 retweets, mean retweets are 2521.
4. Majority of tweets have the dogs stage as pupper.