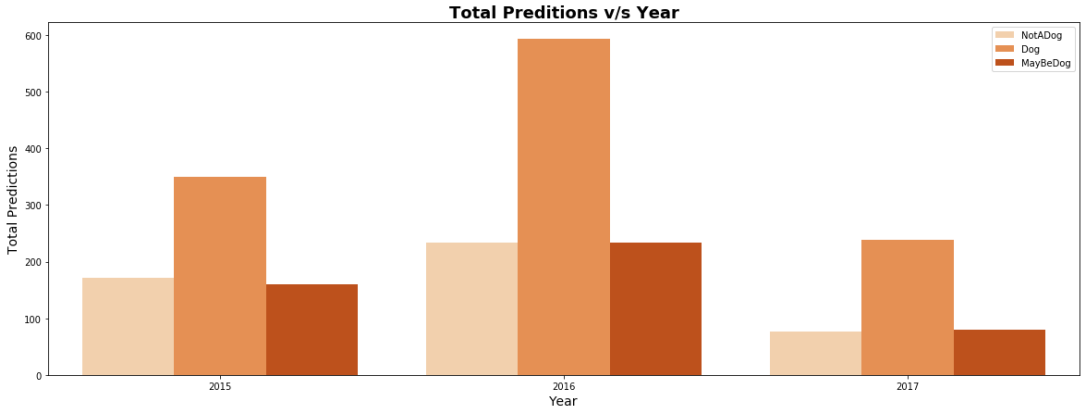
The following visualization is made from the data set of Tweets about Dogs on the Twitter Platform.

Objectives of the graphs below are as follows:

- I am trying to find if there exist a pattern between the year and the success of predicting the dog breed
- I want to measure how the Retweet and the Favorite Mena Count vary with the Rating provided (Ratio of Numerator and the denominator Ratings)
- To Observe the trends in the Mean Count of Retweets and the Favorites over the period of the Tweets
- Finding the most common Dog Breed and the Name Associated with the Dog
- Finding the distribution of the Dog_stage.

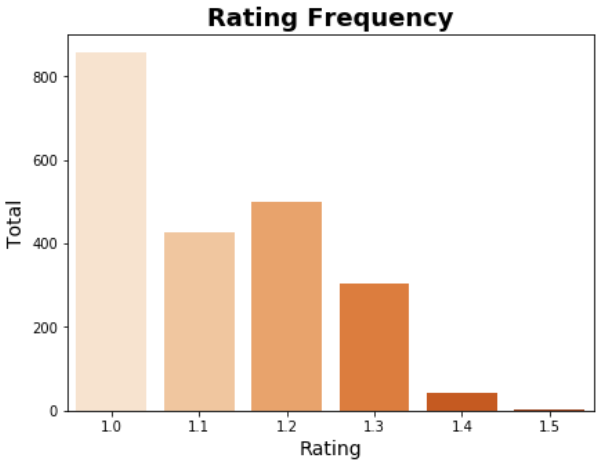
1. Insight & Visualization 1: Distribution between 'favorite_count' & 'retweet_count' v/s 'dog prediction':

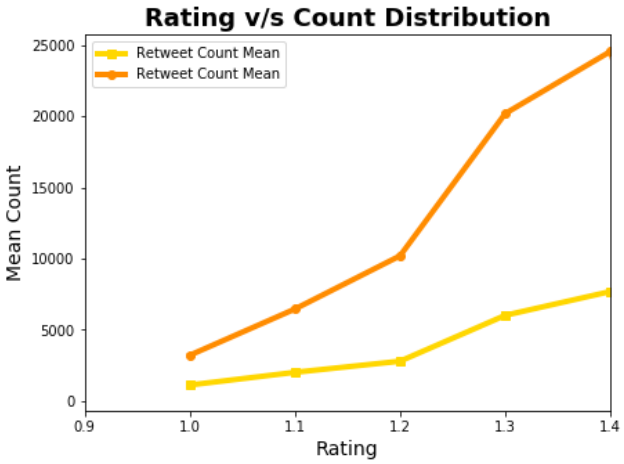
    - Total Number of predictions done were greater in the year 2016 as compared to 2015 and 2017
    - The number of correct predictions made were maximum in all the three given years



2. Insight & Visualization 2: Distribution between 'Favorite & Retweet Mean Count' v/s 'Ratings':

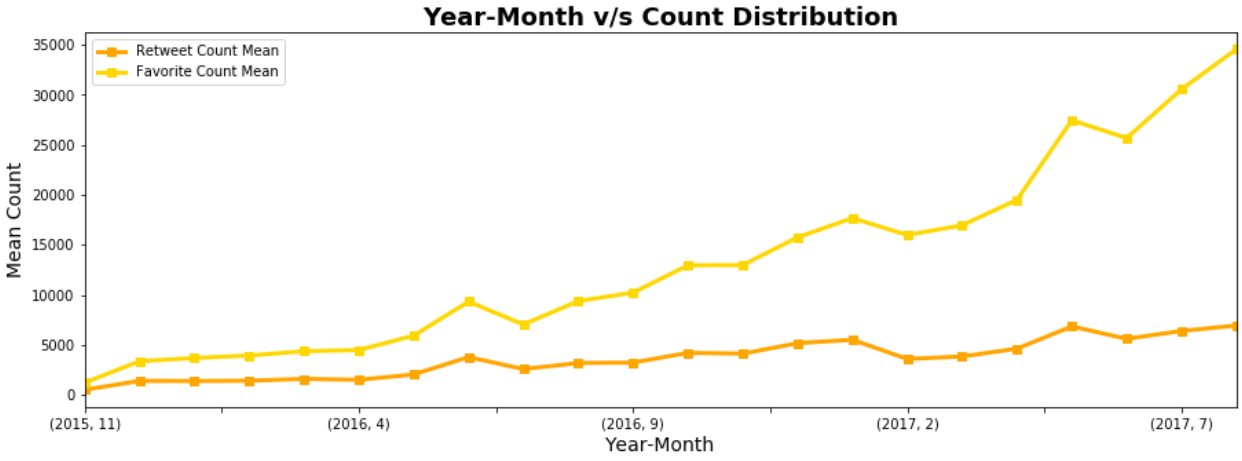
    - The ratings were maximum in the range of 1.0 - 1.2
    - The Favorite_count and the Retweet_count increased when the 'Ratings' were higher. An Upward trend can be seen from 0.9 onwards
    - This says that one can expect higher Retweets and Favorite counts when a Higher rating is observed.





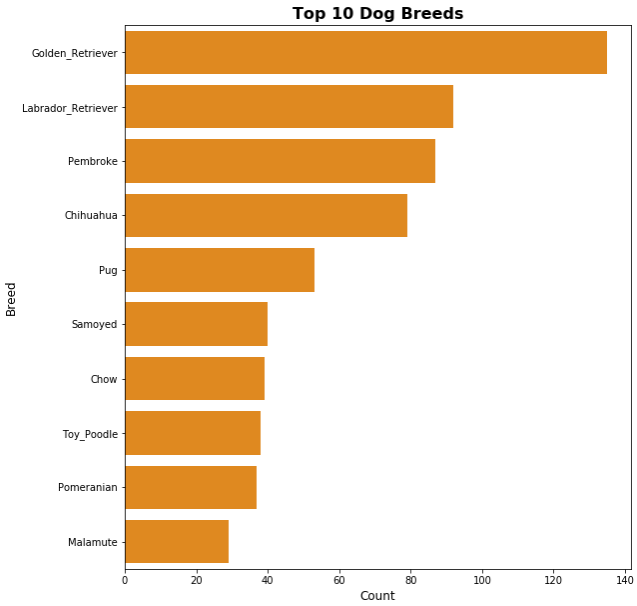
3. Insight & Visualization 3: Distribution between 'Favorite & Retweet Mean Count' v/s 'Month of the Year':

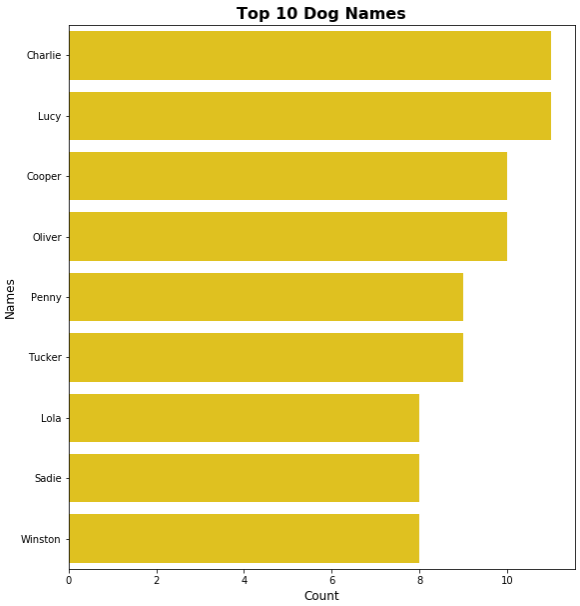
   - An upward trend can be observed in both, Retweet and the Favorite count
   - Though the trend is more strongly visible in the Favorite Count stats



4. Insight & Visualization 4: Distribution of Top Dog Breed and Names:

   - The graphs provided below are self-explanatory, as the main goal of this visualization was to obtain the most prominent Breed Predicted and the Names of the Dog





5. <u>Insight & Visualization 5:</u> Distribution of Stages Frequency of Dogs:

   - Nothing much for the insight. Just proving the visual presentation of the data that has been already explored. Here we can see that the maximum number of stages were obtained or recorded for ‘pupper’