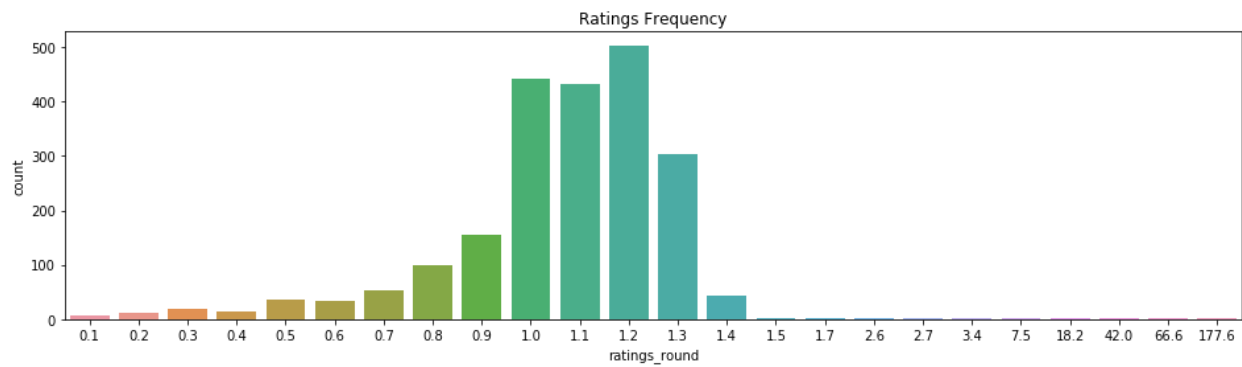Act_Report   By Trupti Patil

Following insights were generated along with visualization
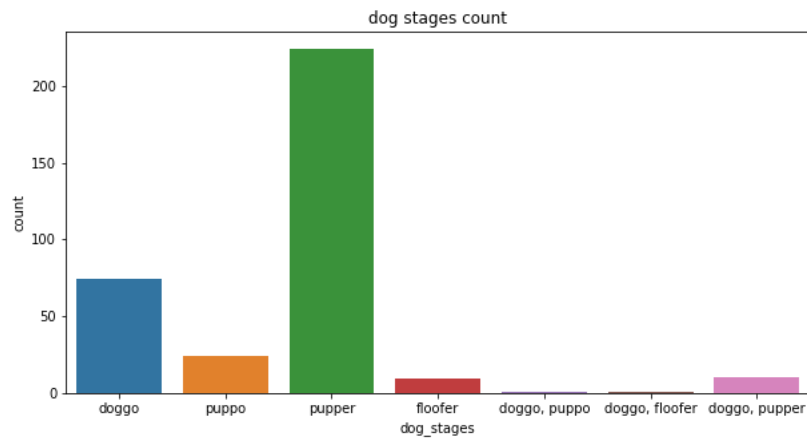
Insight 1: The Dogs ratings

The dog's ratings are one of the important quantitative data in this data.
To learn more knowledge about dog ratings frequency using value_counts ().
Rating 1.2 has the most occurrence of 503.
Maximum rating 177.6 has frequency 1.
Lowest rating 0.1 has frequency 7.
Unique integer values range from: 0   1   2   3   7 18 42 66 177
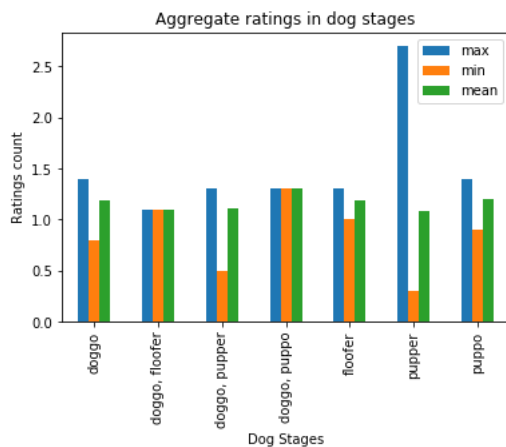Matplot is used to depict the range of dog ratings frequency.

Insight 2: Dog Stages frequency

Dog stages are another important categorical data value.
    a.   Pupper is the most occurring stage 226 times.
    b.   Doggo floofer, doggo puppo occur only once.

    c.   The display of count of ratings grouped by each dog stages shows:
           doggo has 1.1 rating occurring 20 times
           doggo, floofer has 1.1 rating 1 times
           doggo, pupper has 1.2 rating 6 times
           doggo, puppo has 1.3 rating 1 time
           floofer has 1.2 ratings 3 times
           pupper has 1.2 ratings 55 times.
           puppo has 1.3 ratings 10 times.
           Matplot is used to depict the range of dog stages frequency.

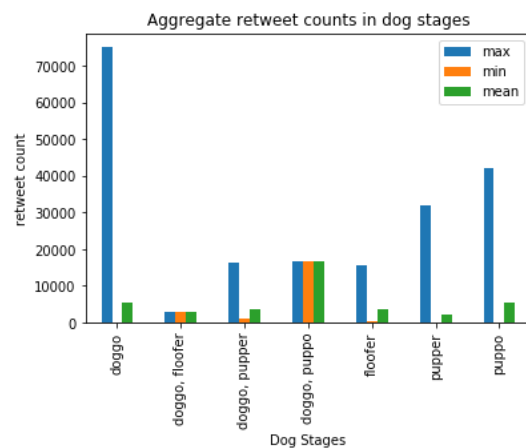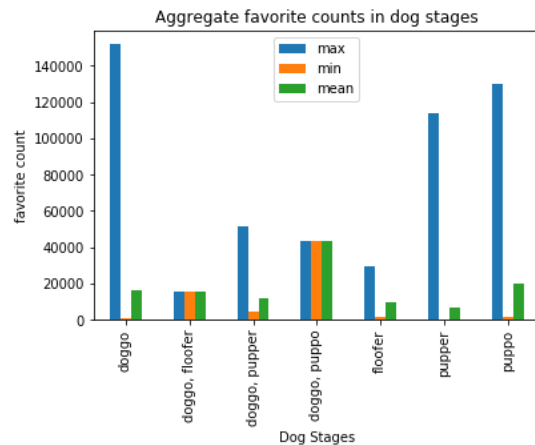**Insight 3: Aggregates in Dog Stages**

Rounded Ratings, favorite count is aggregated for each dog stage.
Highest and lowest ratings seen in stage pupper: max of 2.7 and min 0.3
Stage doggo has max favorite and retweet counts.
Stage doggo, puppo has a similar pattern for favorite and retweet counts.
Matplot is used to depict the range of aggregates of favorite and retweet counts in dog stages.
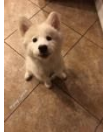
Insight 4: Analysis of dog breeds.

a. Analyzing dog breeds is one of the important studies for this data set.

Top 10 dog breeds are

golden_retriever	139	
Labrador_retriever	93	
Pembroke	88	
Chihuahua	79	
pug	54	
Chow	41	

Samoyed	39	
Pomeranian	38	
toy_poodle	37	
Malamute	29	

b. To find the sum of favorite count and retweet count for each breed,
   373 dog breeds were grouped together and sorted with sum of favorite count and retweet counts
c. Golden_retriever has highest favorite counts (1543483) and retweet counts (432588)
   in 373 dog breeds found above. Computer-desktop which is not a breed has low favorite counts
& retweet counts.