Act Report

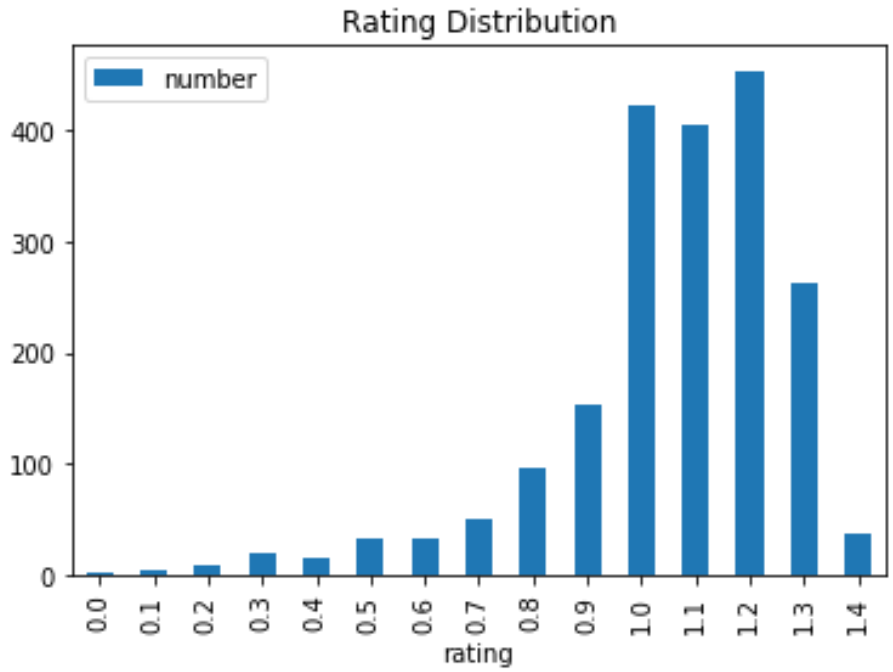
The clean DataFrame contains 1991 observations. The key information includes rating, dog stage, retweet counts and favorite counts.

Basic Statistics

	retweet_count	favorite_count	rating
count	1991	1991	1991
mean	2764.686087	8915.371673	1.05545
std	4713.15919	12400.65274	0.217822
min	15	81	0
25%	619	1962.5	1
50%	1342	4109	1.1
75%	3197.5	11269	1.2
max	79033	132214	1.4

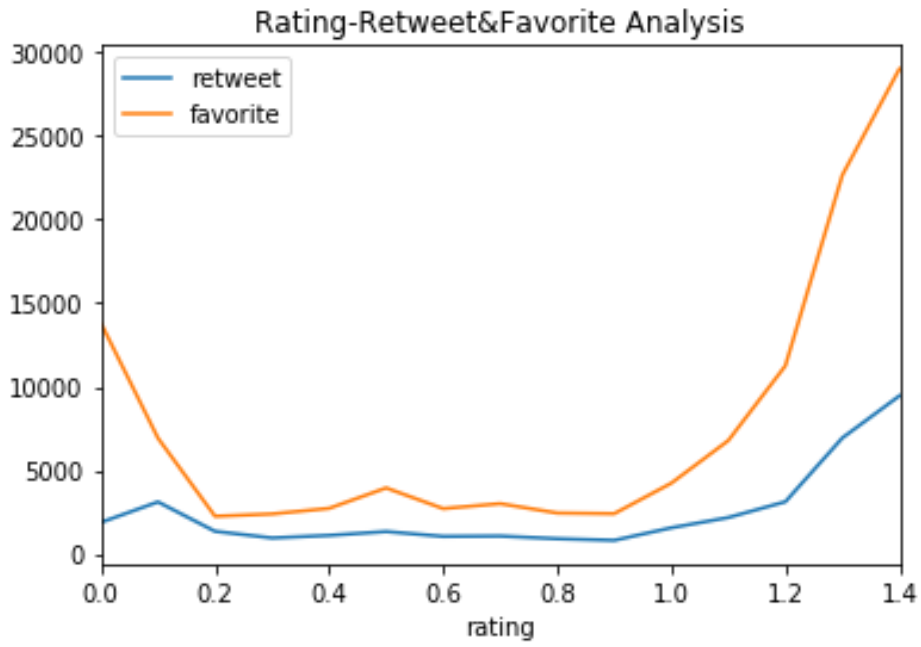
Visualizations

Chart 1: Ratings Distribution



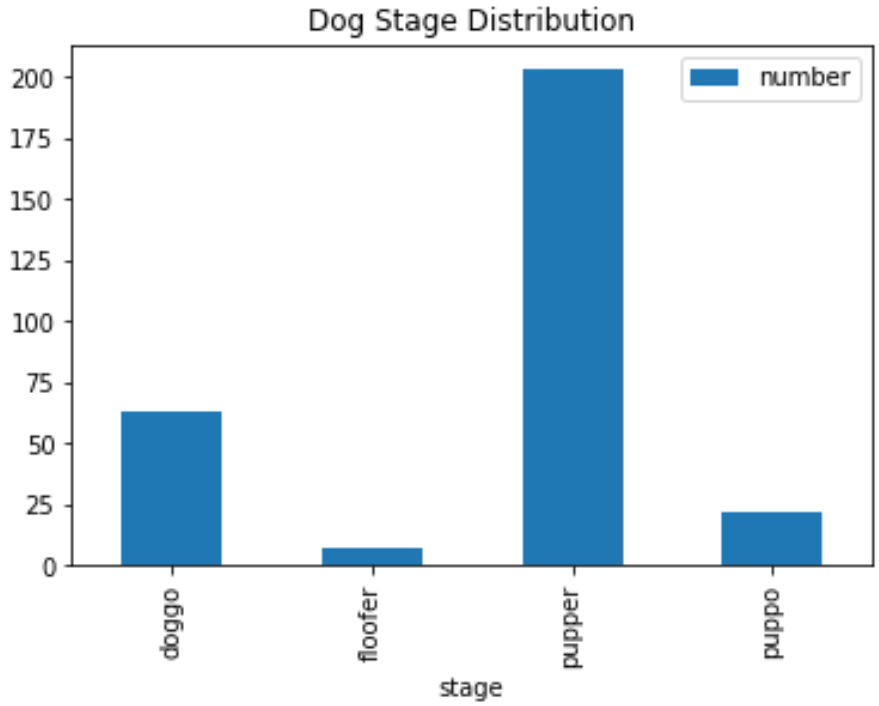
This chart shows the distribution of ratings.

Chart 2: Rating-Retweet&Favorite Analysis



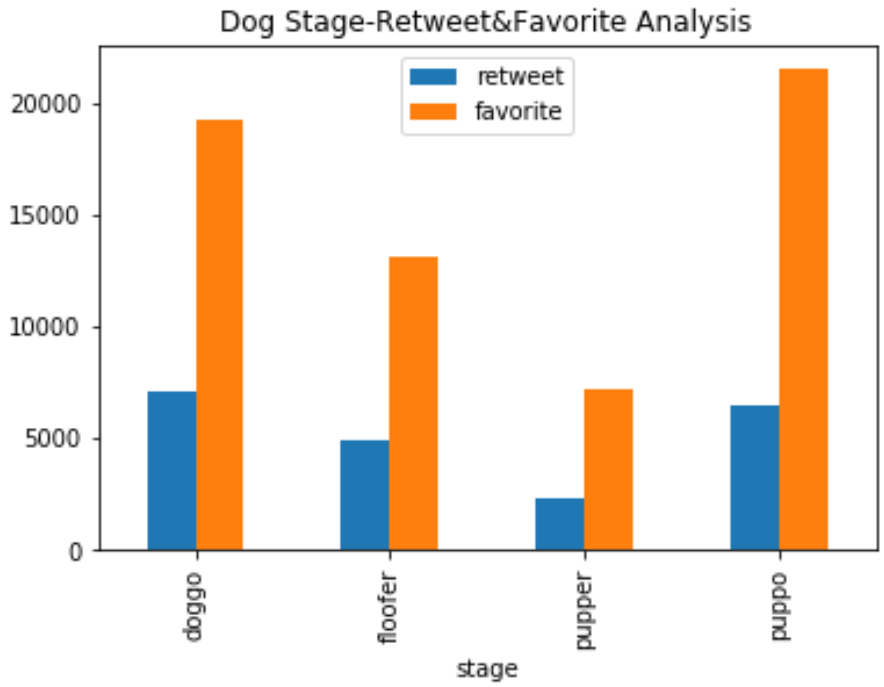
This chart shows the relationship between ratings and retweet, favorite counts.

Chart 3: Dog Stages Distribution



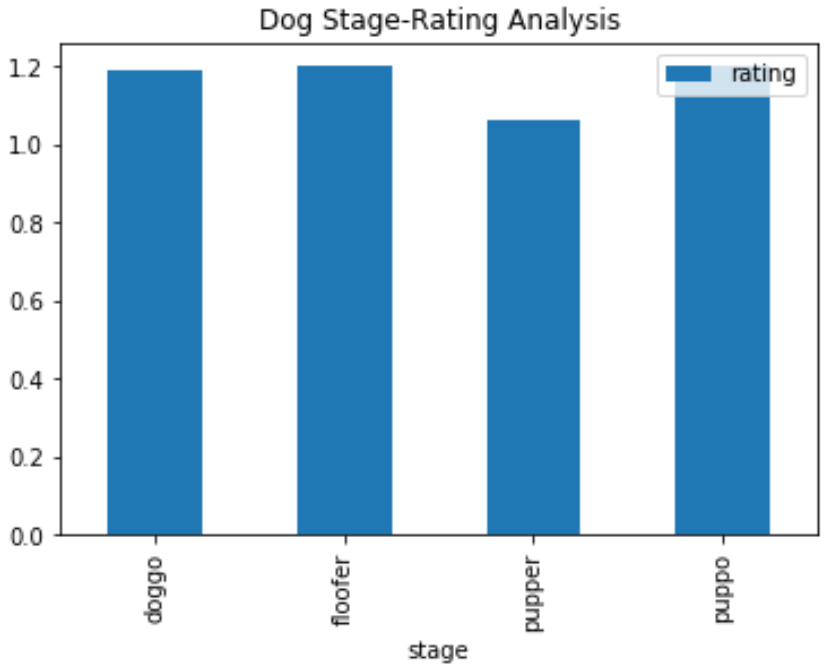
This chart shows the distribution of dog stages.

Chart 4: Dog Stage-Retweet&Favorite Analysis



This chart shows the relationship between dog stage and retweet, favorite counts.

Chart 5: Dog Stage-Rating Analysis



This chart shows the relationship between dog stage and rating.

Insights

- The mean for rating is 1.055. According to chart 1, the ratings range from 0 to 1.4. We can see the 3 most common ratings are 1.2, 1.0, 1.1, and rating frequency becomes smaller as the rating becomes extreme.
- According to chart 2, mosts with extremely low or high ratings get more favorites and retweets.Posts with rating 1.4 gets the highest favorite counts and retweet counts. Posts with ratings between 0.2~1.0 get relatively low favorite counts and retweet counts. Favorite counts are higher than retweet counts as a whole.
- According to chart 3, pupper has the highest frequency among the 4 dog stages. But according to chart 4, 5, pupper also gets the lowest favorite counts and retweet counts and rating. Doggo, floofer and puppo have similar ratings. Doogo and puppo have higher favorite counts and retweet counts than floofer.
- Based on the insights above, I further conclude that posts with a frequest/common rating or dog stage have lower favorite counts and retweet counts.