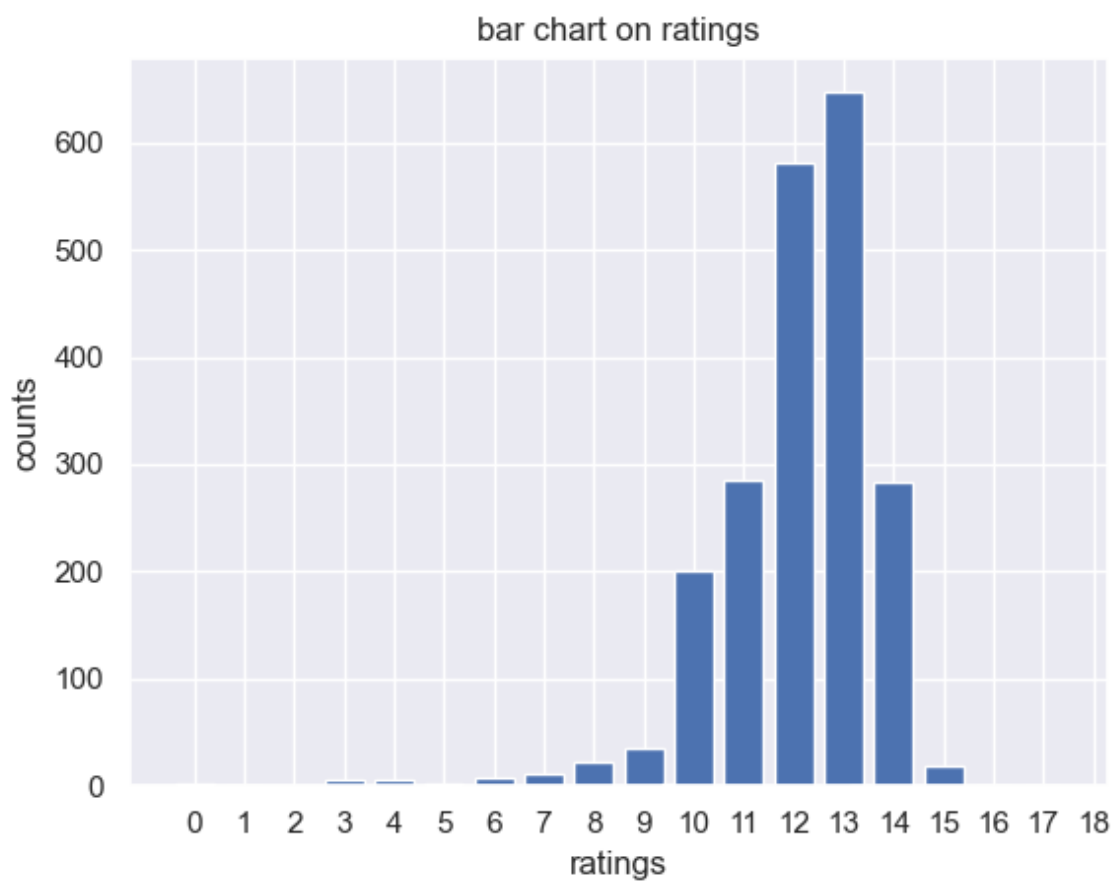
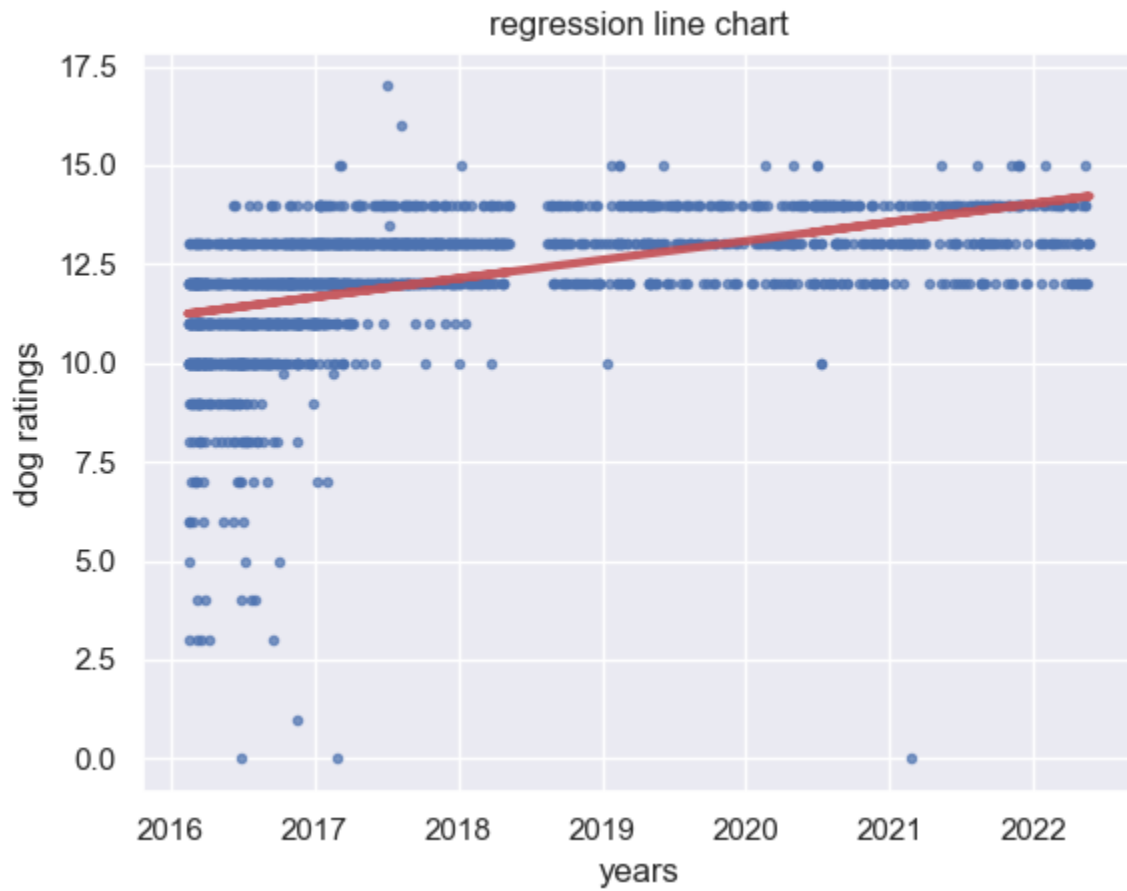


pup inflation



Data on dog ratings from 2016 to 2022 from Twitter(X) is collected and shown above after some data processes. In the initial data, we mainly focus on the two columns named time posted and corresponding comments texts. Firstly, we extracted rating numbers from the texts and excluded some too-high ratings (>25). After that, plotting them. In the first plot, the X axis is years and the axis is dog ratings. Also, we draw the best-fit line on those data points to show the trend more clearly. From the line, it is not hard to say that with an increase in years, the rating is also increasing. One possible reason is the inflation of dog ratings. High ratings are becoming more and more common, which makes the ratings devalued. So, newer ratings have to be higher to indicate the 'high value' of the dog. In the second plot, we computed the count for every rating on the x-axis and showed their counts on the y-axis. From the second bar chart, the highest rating is 13 with counts of about 650, and the lowest ratings are 3 and 4 with counts of about 1. The distribution is approximately normal.