Act Report

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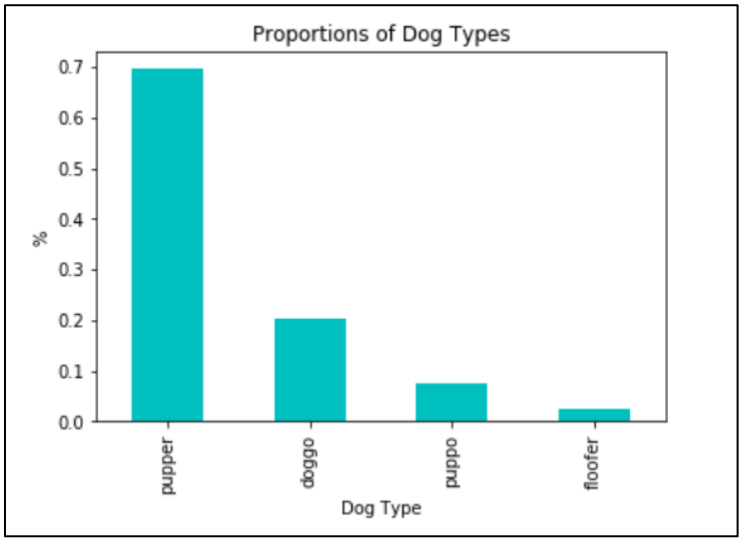
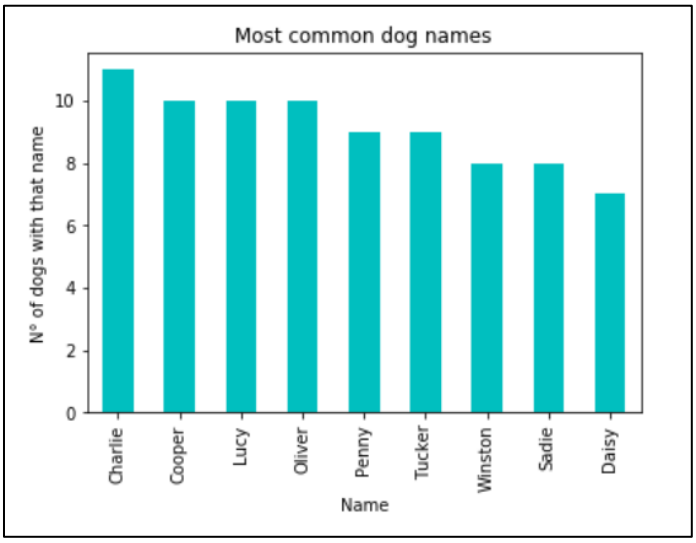
From the previously wrangled data, 4 points were analyzed, of which 3 produced visualizations:

- **Stadistical properties of the rating**
  The statistical properties associated with the new created ‘rating’ column were estimated. The average rating and its standard deviation were equal to 11.69 and 40.86, respectively. The large resulting standard deviation is due to the WeRateDogs rating system itself, since the maximum rating that was granted is 1776 and the rating system allows it.

- **Proportions of dog types that are not ‘None.’**
  From the totality of tweets, the amounts of 210 pupper, 61 doggo, 23 puppo and 8 floofer were estimated (not counting the 1674 values of 'None'). Regarding the proportions with respect to their total, without considering the 'None' values, it was estimated that 69.5% were pupper, 20.2% doggo, 7.6% puppo and 2.6% floofer.



- **Most common dog names that are not 'None.'**
  Among all the names that were not 'None', the most commons were Charlie, Cooper, Lucy and Oliver with 11, 10, 10 and 10 dogs with each name, respectively. Below is a bar graph with the 9 most common names of all tweets:



- **Quantity of tweets were tweeted by each type of source.**
  From all the tweets in the data base, almost all of them were made through the iPhone application (1937 tweets), while a few through the Web (28 tweets) and TweetDeck (11 tweets). Below is a visualization with this information using a bar graph.