Create a Tableau Story

March 7, 2019

0.1 Summary

In this project I have used different visualization techniques to communicate insight on no @WeRateDogs twitter account

- datasets were gathered, assessed and cleaned prior to make these visulaiztion
- The datasets are combined make 1915 records and the file is attached.
- I have analyzed relationship between variables such as Favorite_count , Retweet_count.
- I also make a Univariate analysis as score, dog_name, dog_breed and the distribution of dog_score

0.2 Design

- For the first insight : Retweet_count vs Favorite_count,I used a line chart to see the moving avearage for these counts over time.
- For the source analysis: I used a pie chart to see the contribution of each source channel and also introduce a Tooltip to include the percentage
- For the dog_breeds & dog_names analysis, I used horizontal bars to know the most common breed and name repectively in the dataset
- For the dog cloud I designed it i python and includes the generated picture from the text column here to reflect some of the insights from the post written
- For the analysis of dog_score I used the histogram to show the distribution of score and how they are distibuted.
- Finally, I added a screen shot from the outliers scores to demonstrate how and why they are rated/scored that much?

0.3 Initial Version

- Here is the link to my first try before collectig the feedback:

https://public.tableau.com/profile/hindam#!/vizhome/WeRateDogs_story_first_try/WeRateDogs

0.4 Feedback:

I was succeed to collect some of valuable feedbacks from my fiends and classmates on Slack

- someone : "dog_cloud contains He& She you may need to omit such like words"

- Actually all these words are driven from the text column which is the post itself, These are indicators to the ratio of dog's gender , So I kept them but may be more benficial to add a text note there, thanks

- someone: "I didn't catch that you use filterd better to include one at least"

  - Already, I used one of the graph which is dog_breed to filter other graphs, and a note to hover for more info is included, but I may think to add a specific section including the filtering by all dog_breeds.

- someone : "Awesome dog_cloud"

- someone :"Weren't we should make a story?"

  - Nice catch, I would split this visualization into sections

- someone : "If you need some sugesstion, I'd say that it may be better to place a l legend under the chart for avearges"

  - Actually the histogram not need a legend as it's described by itself in the x-title

- The moving avearages for Retweets and Favorite counts, it may be better to be above the grpah section directly.

- someone : "@dog_rate is a fun account to follow"

- someone :

  - "I have some constructive feedback as follows:
    * Typo: under the dog_cloud 'most' instead of 'msot'
    * 'MAV30' doesn't make sense to me
    * Your measue names are cut off a bit. Perhaps try something else.
    * Use one style, one font and one font to write your comments for consistency"
  - Awesome, really constructive ,I will revise these points, thanks

0.5   Final Version

In this final version, I would try to address the above notes/suggestion and fix whenever errors or typos.

0.6   Tableau Visualizations

https://public.tableau.com/profile/hindam#!/vizhome/WeRateDogs_story/Dog_Story

0.7   Resources

https://public.tableau.com/en-us/s/gallery