

Visualization and Insights

Data visualization is the graphical representation of information and data. By using visual elements like charts, graphs, and maps.

This is an overall view and brief explanation of the visualization and insight inside this project.

This project is about the analysis of a Twitter account “WeRateDogs”. Trying to gather, clean and analyze three data sets where the first one is the twitter archive which includes more than 5000+ retweets. The second one was gotten by using neural network to predict if the images present are dogs and with what probability. The third data is a query of the twitter retweet count and favorite count using the twitter id present.

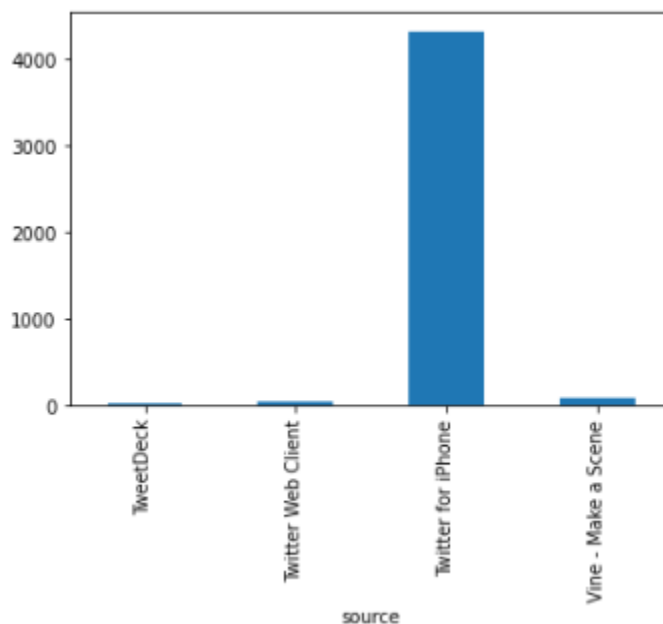


Fig. 1

This is a bar-chart visualization of the source from which most users accessed Twitter.

From the visualization and insights done above, it has been deduced that most Twitter users accessed Twitter using the web, iPhone, vine, and Tweetdeck. Most users used Twitter for iPhone. Also, a bar chart has been produced to illustrate these insights.

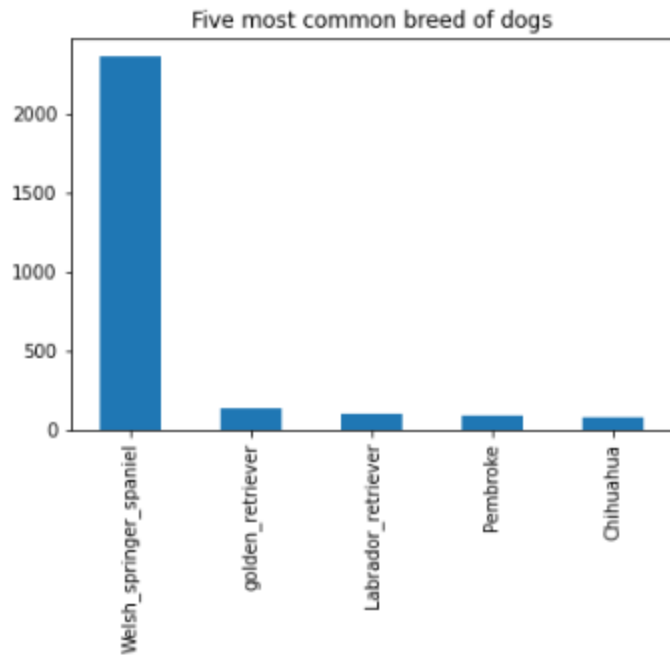


Fig. 2

This is a bar-chart visualization of the five (5) most common dog breeds from the datasets .

The top five common breeds of dogs are:

- Welsh springer spaniel
- The Golden retriever
- Labrador retriever
- Pembroke
- Chihuahua

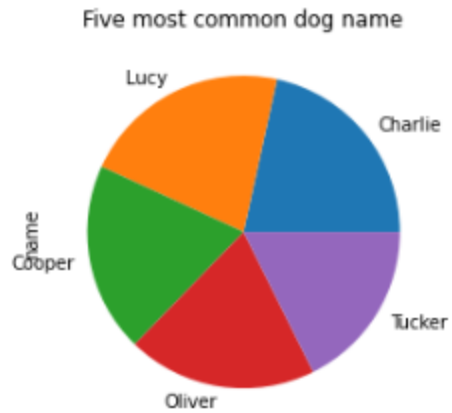


Fig. 3

This pie-chart visualization shows the five (5) most common dog names;

The 5 most common dog names from the analysis

- Charlie
- Lucy
- Cooper
- Oliver
- Tucker

Most of the dogs in our data had these names more frequently compared to other names