

Report: act_report:

Create a 250-word-minimum written report called "act_report.pdf" or "act_report.html" that communicates the insights and displays the visualization(s) produced from your wrangled data. This is to be framed as an external document, like a blog post or magazine article, for example

introduction:

The dataset that was analyzed and visualized is the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. “WeRateDogs” is a Twitter account that rates people's dogs with a humorous comment about the dog “WeRateDogs” has over 4 million followers and has received international media coverage.

Goals of The project:

wrangle WeRateDogs Twitter data to create interesting and trustworthy analyses and visualizations.

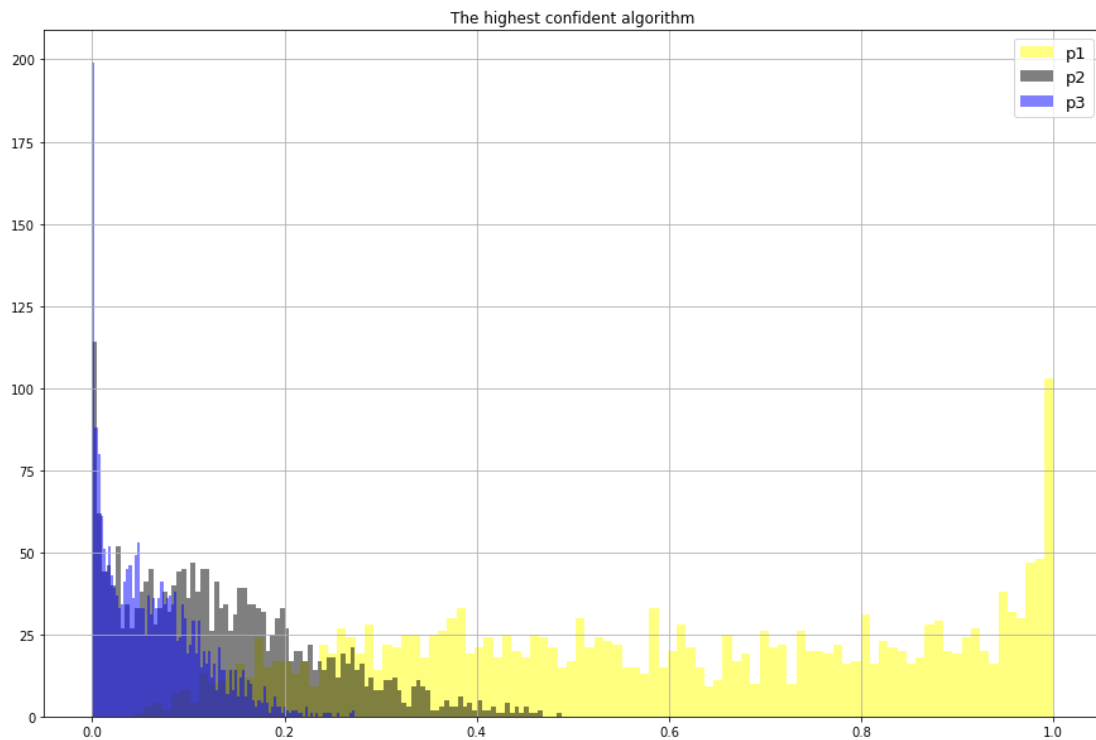
Analyzing and Visualizing Data:

I was able to produce 3 insights and one 2 visualization

- 1.P1 algorithm has the highest confidence rate than other algorithms.
2. charlieieis the most popular dog name
- 3 .Puppy has the average highest rating, retweet and favorite.

1.P1 algorithm has the highest confidence rate than other algorithms.

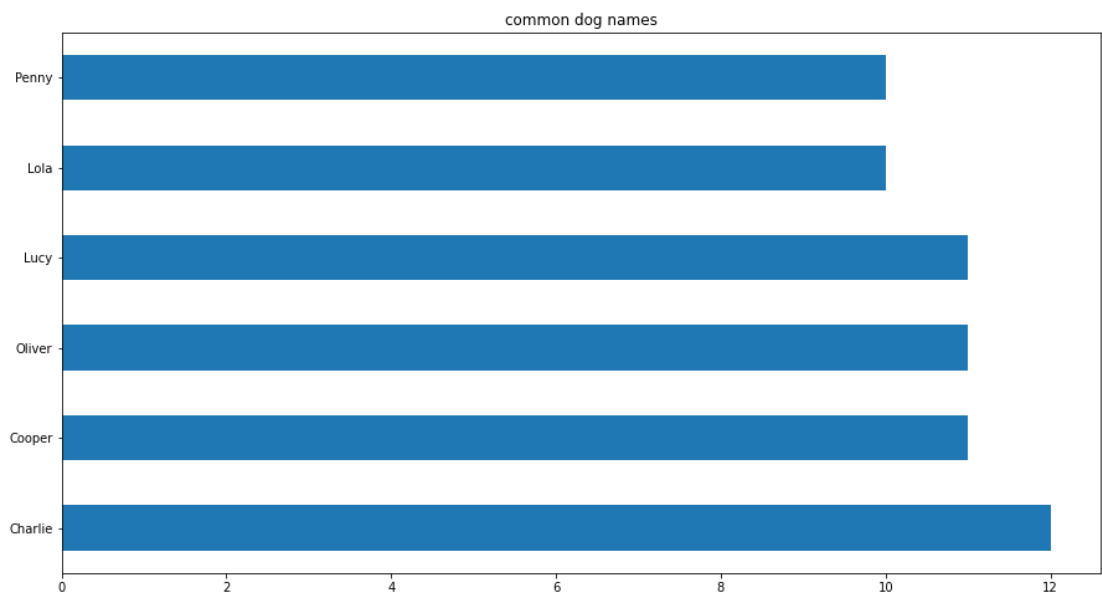
```
plt.figure(figsize=(15,10))
mdf.p1_conf.hist(alpha=0.5, bins=100, label = 'p1', color='yellow')
mdf.p2_conf.hist(alpha=0.5, bins=100, label = 'p2', color='black')
mdf.p3_conf.hist(alpha=0.5, bins=100, label = 'p3', color='blue')
plt.title('The highest confident algorithm')
plt.legend(loc = 'upper right', fontsize=13)
plt.show()
```



Looking at the figure above we see, that p1 algorithm has the highest confident and p3 algorithm has the lowest.

2.charlieie is the most popular dog name

```
mdf.name.value_counts()[2:8].plot(kind='barh', figsize=(15,8),
title='common dog names');
```



Conclusions :

The dataset that I was wrangling (and analyzing and visualizing) is the tweet archive of Twitter user @dog_rates, also known as WeRateDogs.

WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog

If you are looking to adopt a dog , Most popular type is pupper.

Thank you

by Amjad Almutairi

