

# Wrangle and Analyze Data

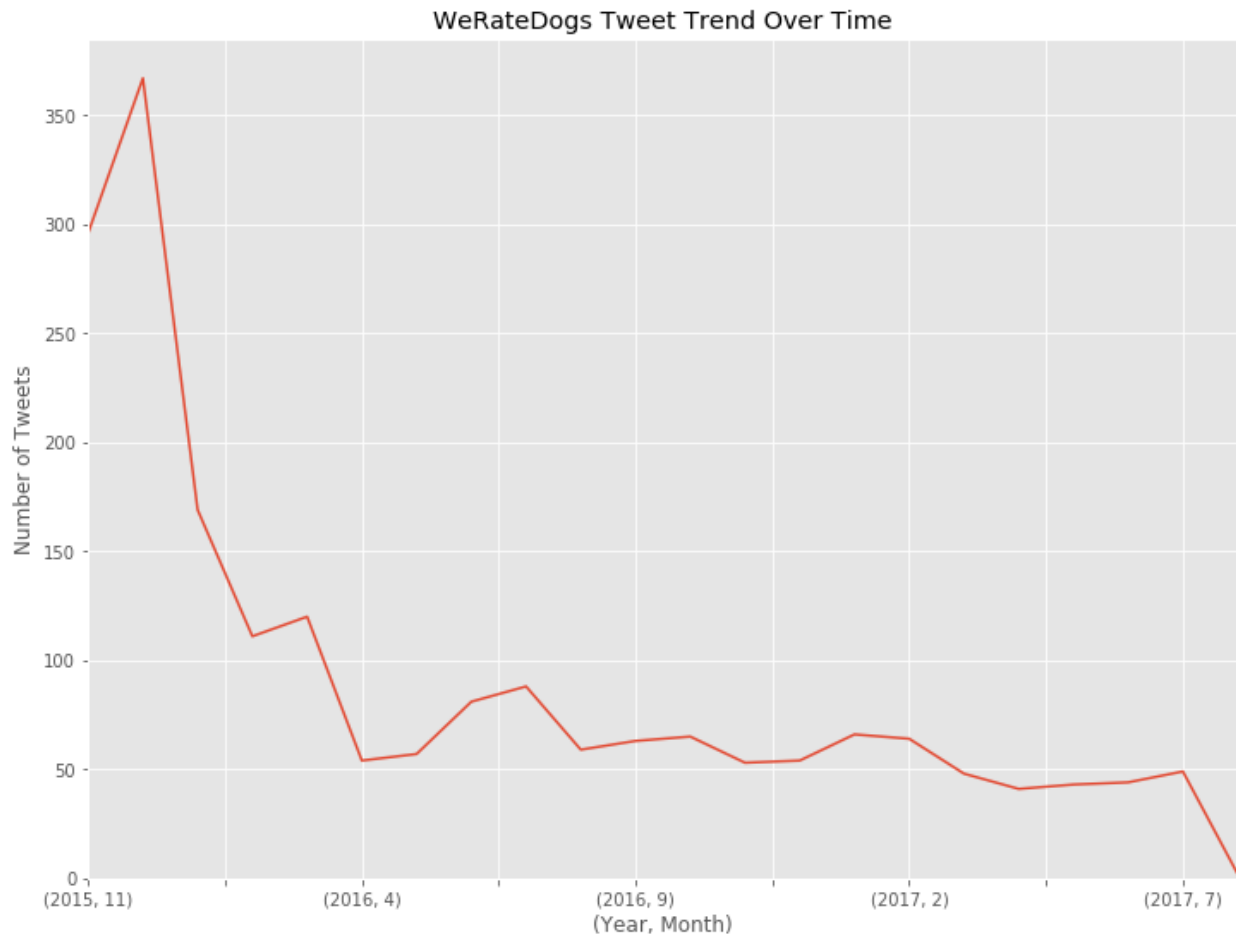
## Data Insights and Visualizing

- **Data Insight** : Insight is the value obtained through the use of analytics. The insights gained through analytics are incredible powerful
- **Data visualizing** : Data visualization is the graphical representation of information and data. By using visual elements like charts, graphs, and maps, data visualization tools provide an accessible way to see and understand trends, outliers, and patterns in data

Then after we now the difference between ( Insight and Visualizing ) , now in our project ( Wrangle and Analyze Data ) I made insight and visualize in three different angle

- **Insights and Visualizing One:**

**Tweets posted by WeRateDogs :**

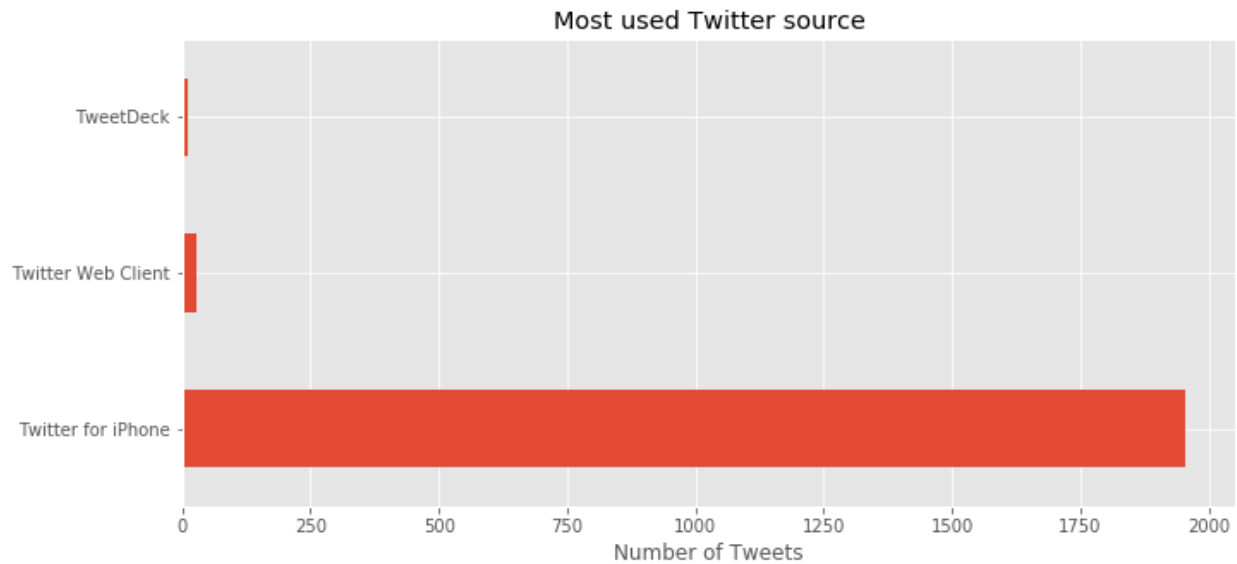


Tweets posted by WeRateDogs decreased over time :

WeRateDogs, it is Twitter account start in 2015, tweeted a lot in its starting days it posted around 300 tweets 2015, which increase around 350 tweets exactly in the next month.its tweeting activity reduced drastically in the subsequent months, average between 50 to 100 in 2016

- ## Insights and Visualizing Tow:

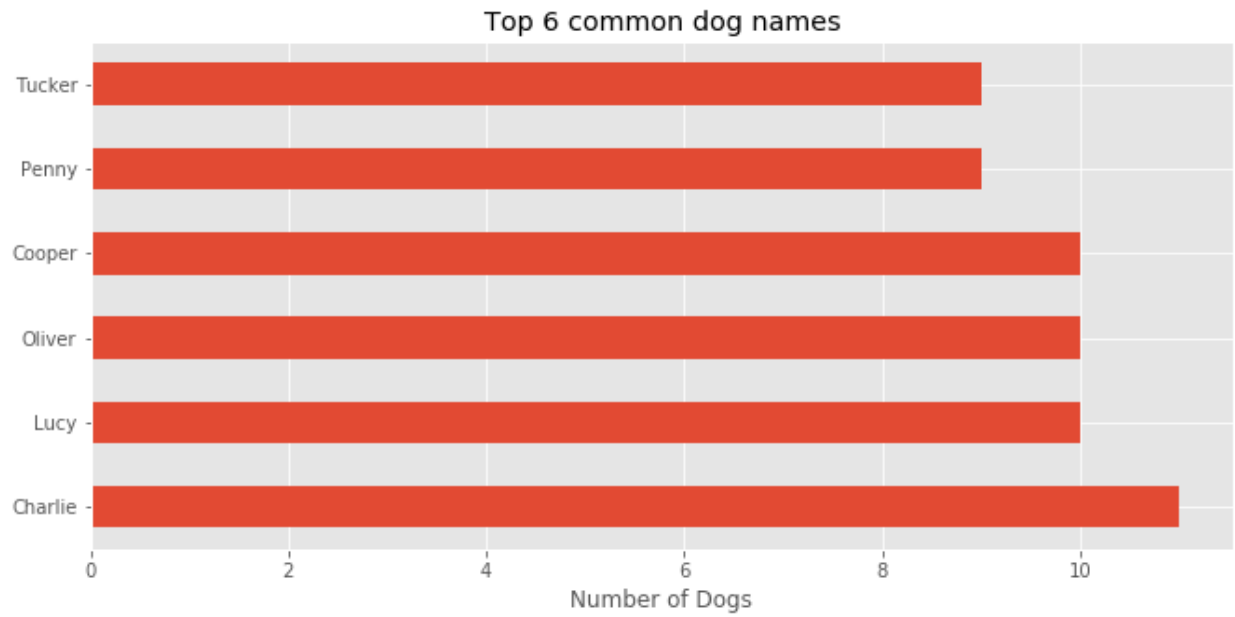
**The Moat used twitter source**



The most used source of "WeRateDogs" as very clearly by iPhone, WeRateDogs has post 98% from iPhone which is just 2% used by Whether TeetDeck or Twitter Web Client

- **Insights and Visualizing Three:**

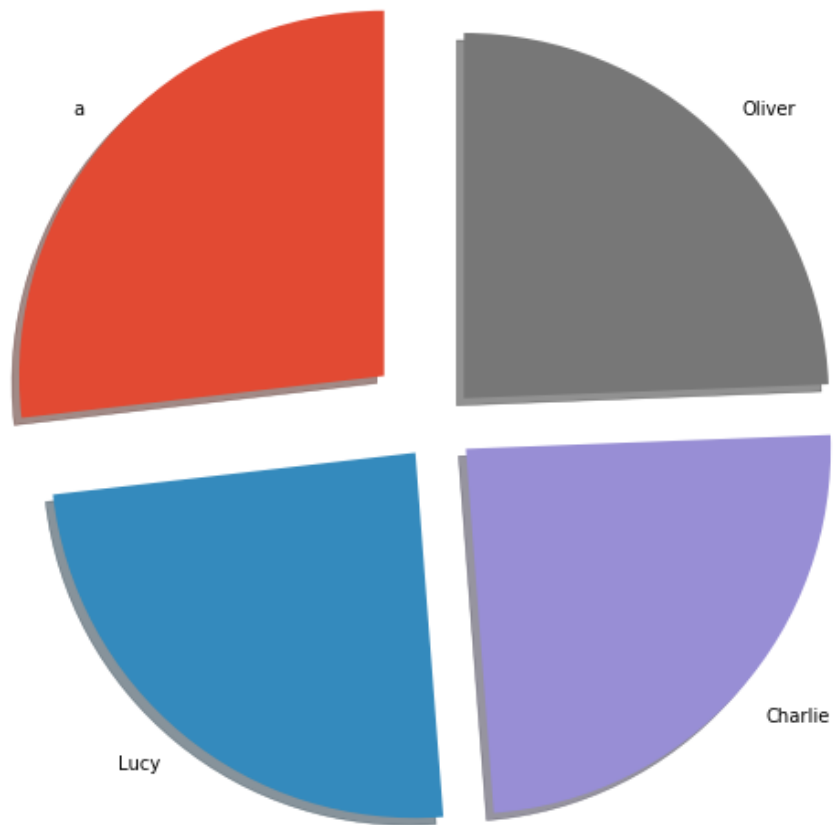
**Most common dog name used**



As show upon the most common name is

- 1- “ *Charlie* ” is the most common name
- 2- “ *Lucy – Oliver - Cooper* ” > are equal
- 3- “ *Penny – Tucker* ” > are equal .

- ***Another Visualization***



- **Conclusion :**

We insight and visualizing in three different angle which is Tweets posted by WeRateDogs , most Twitter source and most common name used

- **Act\_Report(1).ipynp** : contain the technical details of data insight and visualizing

- **Resources :**

<https://www.tableau.com/learn/articles/data-visualization>

<http://info.localytics.com/blog/difference-between-data-analytics-insights>