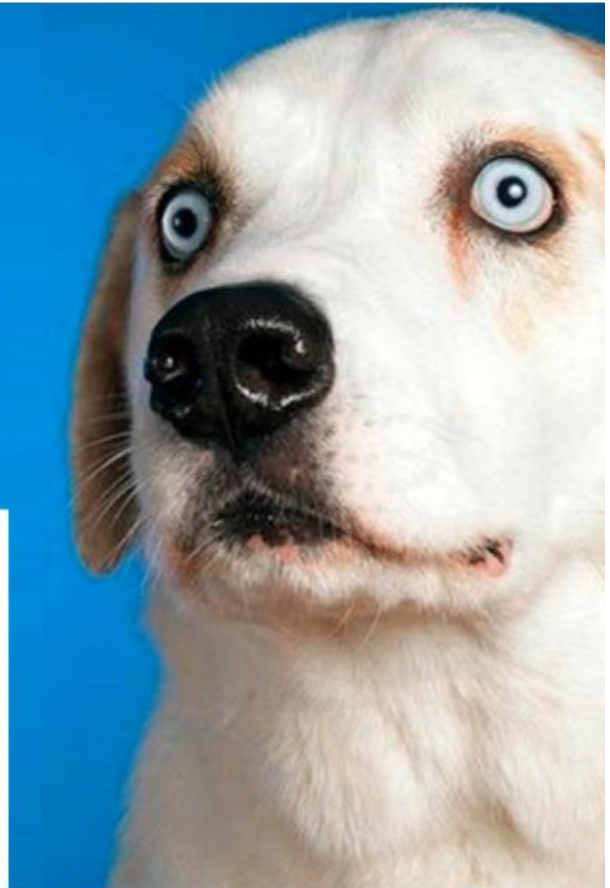


# Data Analysis Professional Trak

## We Rate Dogs

### Data Visualization

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**Name: Eslam Abdellatif Dyab**

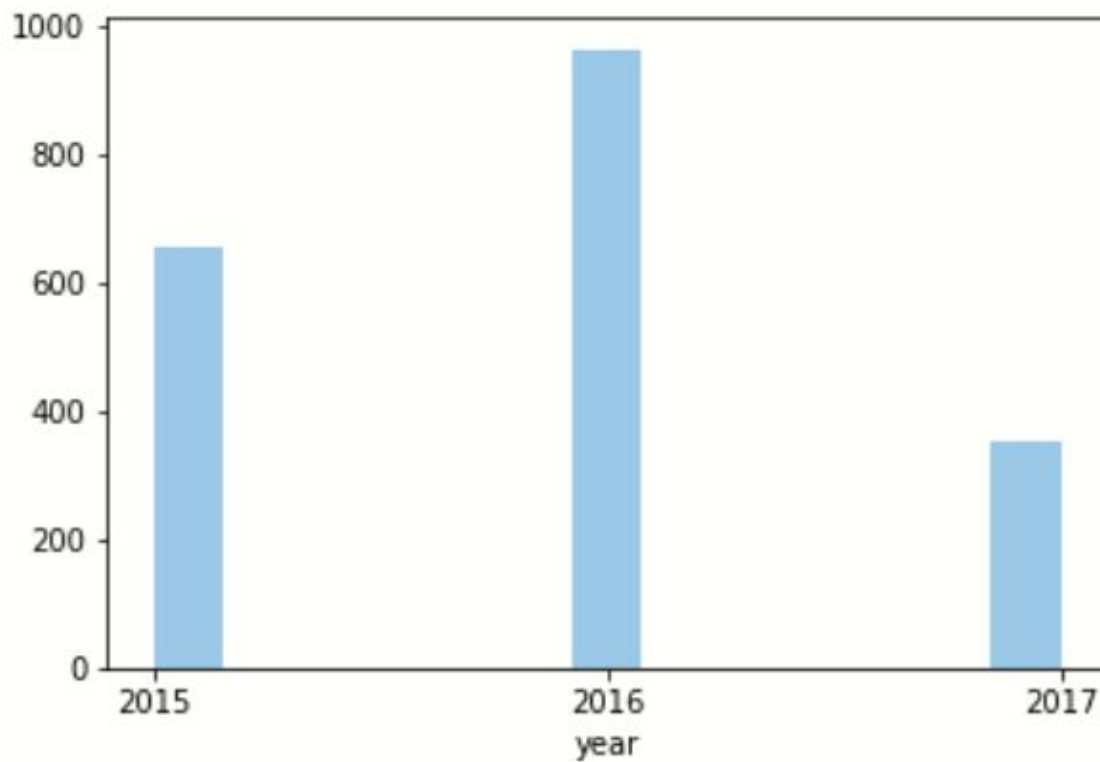
**Email: es-eslam.dyab2019@alexu.edu.eg**

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## Introduction

In this report I will talk about some of the insights I found in this project.



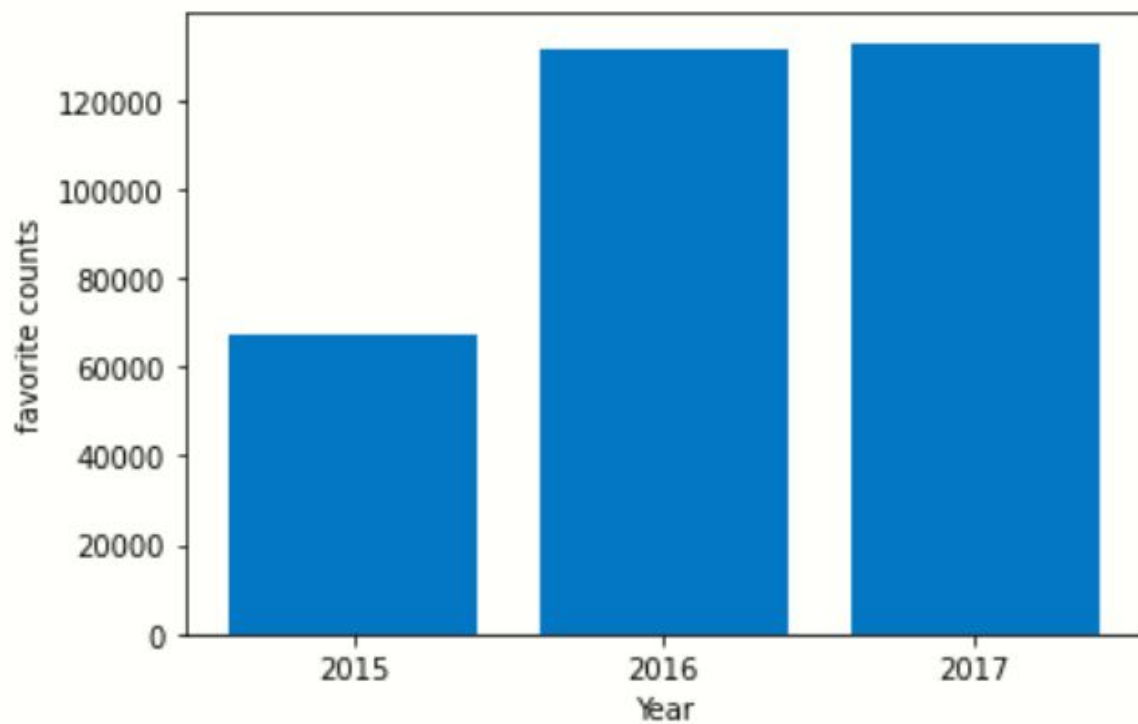
The above graph shows the frequency of tweets in the period of time from 2015 to 2017.

Where the year is on the x-axis and the frequency (of tweets in a particular year) in y-axis.

- From that graph we conclude that as time increases the number of tweets decreases.

I then said that the followers interactions may decrease as well because of the decrease in the tweets number. But I was wrong, the opposite happened.

i found something interesting from the following graph.



The above graph shows the years from 2015 to 2017 on x-axis, and the favorite counts (for each year) on y-axis

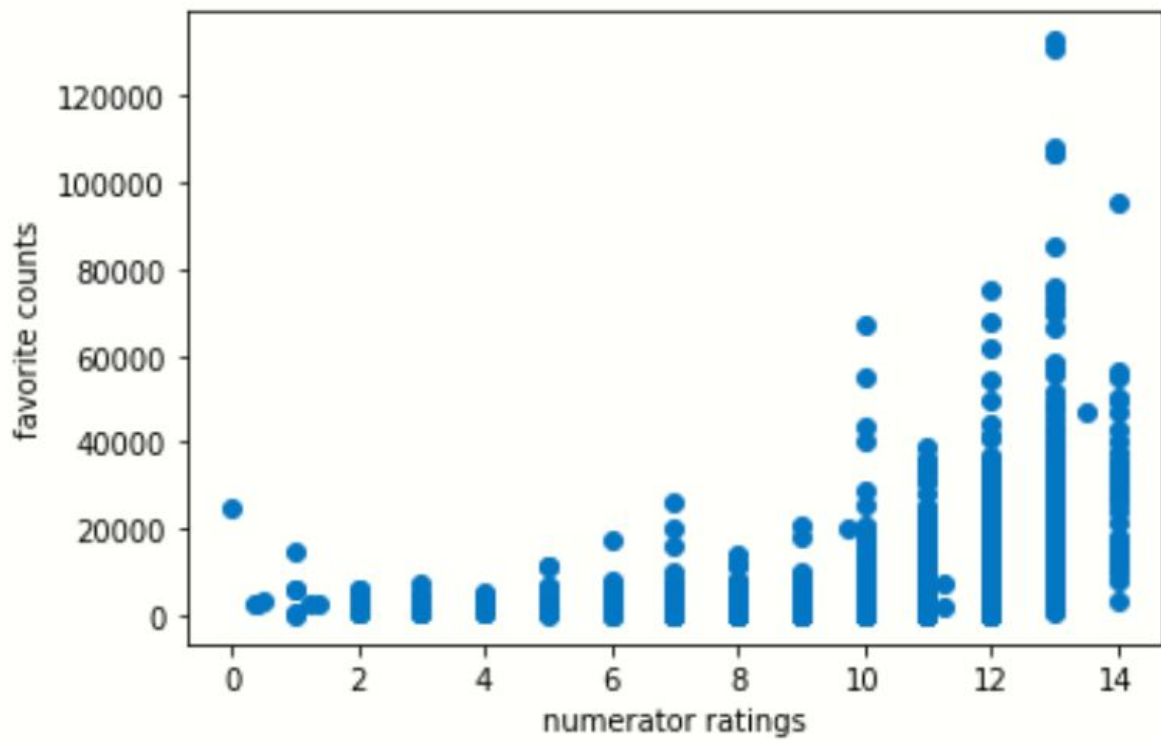
- We can see that the followers interaction represented as the favourite counts increases with time.
- The followers interaction is increasing even though the number of tweets is decreasing

So I concluded that the tweets quality must be great.

I then wanted to know for sure that the followers love the content and trust the page.

I did that by checking the favourite counts and the rating. If favourite counts increases as the rating value increases, then we conclude that the followers indeed trust the page.

This is shown by the following graph:

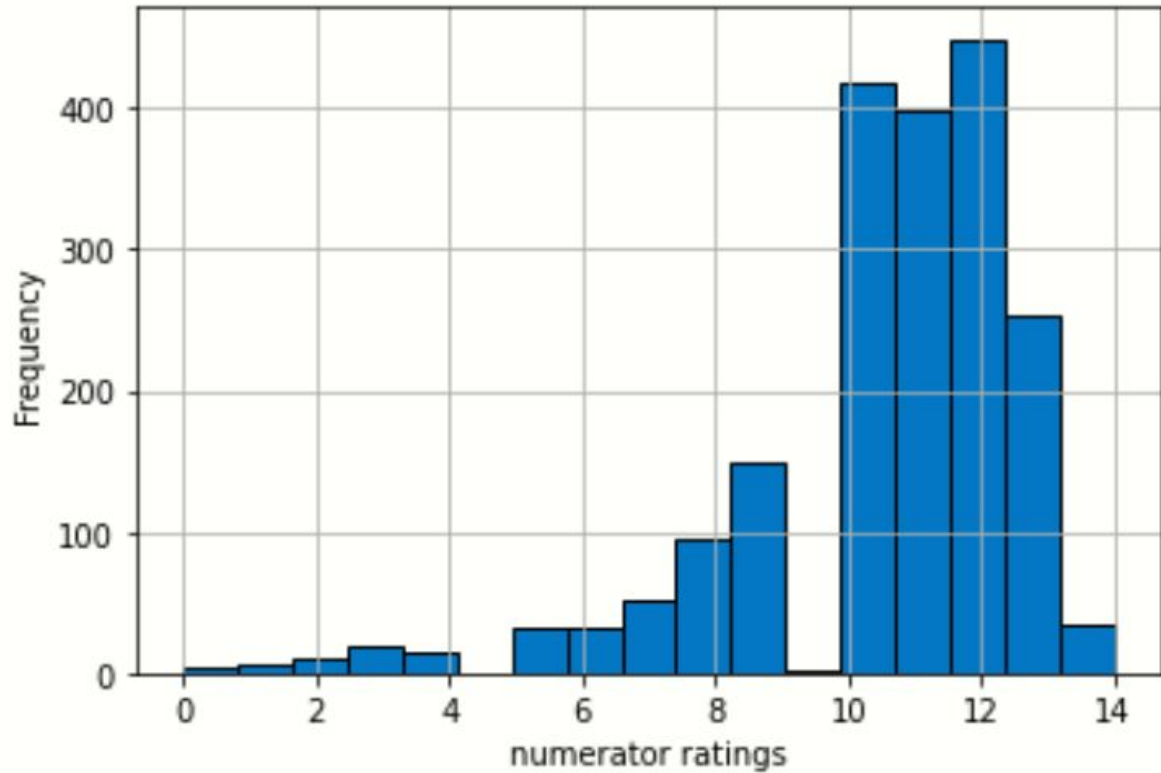


Where the ratings are on the x-axis and the favorite counts on the y-axis.

And as shown i found that as the rating increases, the favourite counts increase too. Which means the followers do trust the page opinions.

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Then I was curious, which rating is the most common that this page gives ? the following chart gives the answer.



Where rating is on the x-axis and the frequency of each rating is on the y-axis. We can see that the rating 12 has the highest frequency value i.e. most common.