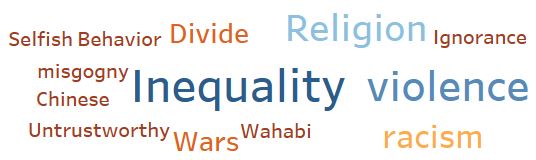


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| Data Diary  ARE WE ALL THAT DIFFERENT |
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| dATA STORY TELLING PROJECT  Authored by: MOHAMMED TOPIWALLA |



# Why the topic? Who is the audience

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| Are we all that different It is often said that the best topic to discuss is that of a social one, why   1. Everyone can easily connect with it 2. It is independent of boundaries of the globe |
| *“Nature, philosophy and social issues are the three things that always occupy a human’s mind. You do not have any power over others but can only change yourself Read more at: https://www.brainyquote.com/quotes/pawan\_kalyan\_665496?src=t\_social\_issues”* |
| As you guessed the audience is any adult, who can speak English.  Using this topic, I wish to bring about awareness amongst people that   1. The hate that they may have against a country or a race is engineered in the most well-crafted way by the authorities governing us 2. The news medium these days cannot be trusted, because it is run by corporations 3. To change their news input sources from social media to proper news mediums which are unbiased 4. Influence everyone to step up against the injustice dominated by affluent countries 5. Put a stop to forwarding baseless and false posts on various social media platforms like WhatsApp |
| Where did the data come from? The data is subjective and therefore had to be collected in the form of a survey. The link is [here](https://goo.gl/forms/KBcAqOla3VTBPAjg1)  The question placed were   1. What is your age? 2. Which Country are you from? 3. Is your country a peaceful country? 4. Do you have faith in your government to give you correct information? 5. Which age group is running your countries government? 6. Do you know how much your government spends in its military operations? if not can you google and let us know if you find the figure shocking? 7. Do you dislike any Country? if yes which one? 8. Why do you dislike that Country? 9. Do you dislike any particular race of the world? or any religion? If yes why? 10. What is your idea of peace? 11. What do you think is the number one cause of not being able to achieve world peace? and equality among all people? 12. Do you believe that some affluent countries over step their boundaries in the name of freedom? 13. Where do you get your news from? 14. Do you believe the information that you get from modern news media? |

These questions could be simply used to get important views from people about various points, I am trying to address

# Data Processing and Fancy Data Science Terms

An automated script was created in Python, mainly to clean the user’s response as it comes.

Another aspect of this project was to do clustering and identify different types of users, however it never yielded any significant results. Each response was tagged with its various cluster variable and then some EDA was performed on it

How did my project flow go

1. Initially I started with the topic of – Facebook and Cambridge analytica scam
2. The main idea here was to provide hidden insights to users who use facebook and were shocked by the scam
3. To achieve this I performed sentiment analysis on the conversation between Mark and the senators
4. I got the stocks data from yahoo finance and the conversation in a csv file from Kaggle
5. To implement this I stuck strictly to python and ensured that all visualizations were handcrafted by me
6. I learnt a new python library known as bokeh, however bokeh was unstable, I overcame this difficulty by using basic python plots. However as planned by me the sentiment analysis did not yield the expected results and I could not convey a story from what I made.
7. Because of this I decided to switch to a much more social topic
8. Are we all that different, from this topic my goal was to mainly do a survey and collect data from users and cluster them and check are we rally that different.
9. In order to explain my message I took the help of a existing video and edited it to provide a much more appealing message
10. The clustering did not prove my point much so I tried to emphasize my point more from the data mainly I got from the survey
11. I Started of by making visualizations in Tableau, and put together my message with the help of dashboard design.
12. However I wanted to be independent of Tableau so I tried Echarts, its an amazing charting library, however it is super time consuming, so I could make only a few visualizations in it