Youtube Data Analysis (USA region): #DAND

Project 8

-Reshu Singh

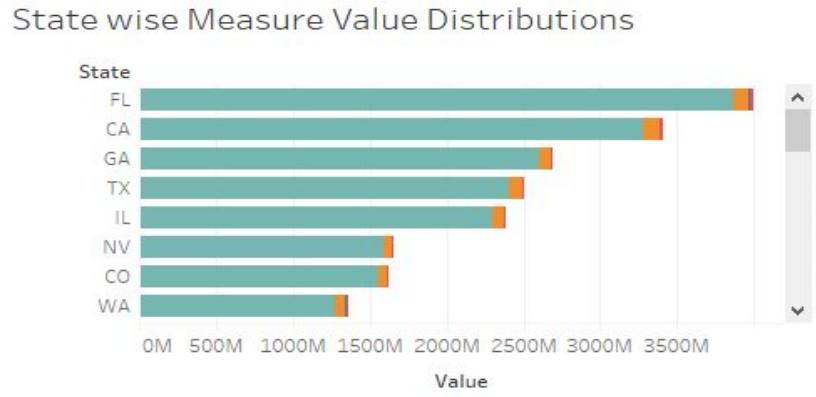
#Initial Version:

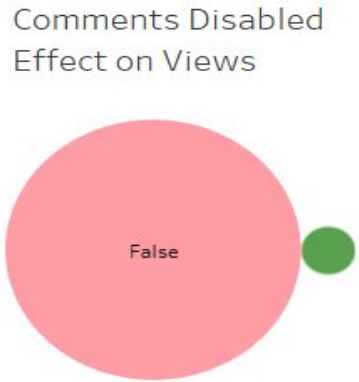
https://public.tableau.com/profile/reshu8123#!/vizhome/Project4_new_0/Dashboard1

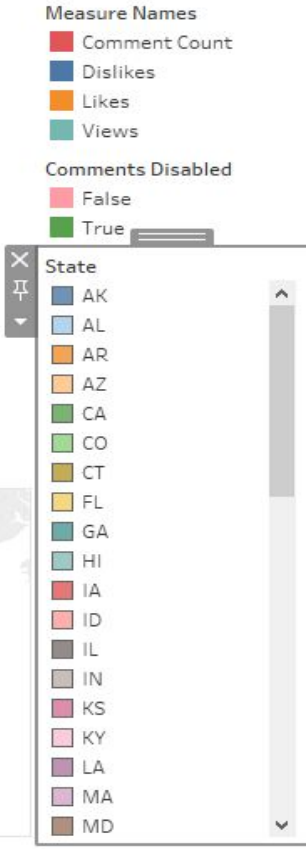
#Final Version:

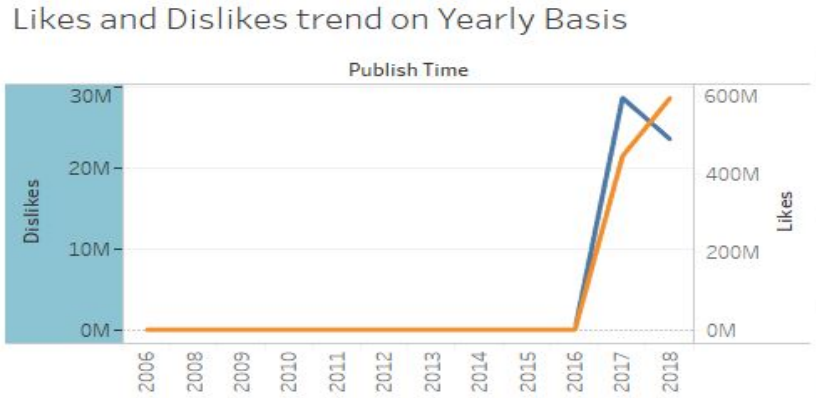
https://public.tableau.com/profile/reshu8123#!/vizhome/Project4_new1/Dashboard1?publish=yes

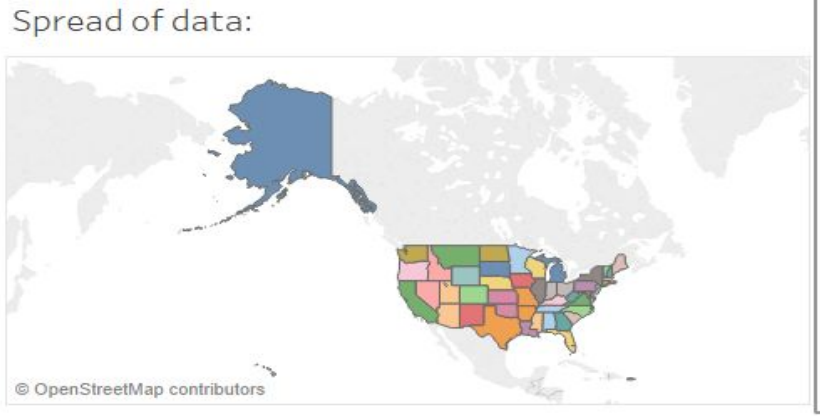
#Design : Data Dashboard...











https://public.tableau.com/profile/reshu8123#!/vizhome/Project4_new1/Dashboard1?publish=yes

#Summary

Measure Value is the total sum of Likes,Unlikes,Comment Count and Views on videos. The highest Measure value accounts for FL state with over 350 Million even. The second highest is CA with near to 350 Million.

When “Comments Disabled” holds True,there are less no. of views.And when “Comments Disabled” holds False,i.e. When comments are enabled,there are more no.of views.It is approximately 70-80% more than former case.

As the year passes,no. of likes and dislikes increases which clearly shows the outreach of Youtube videos have increased especially tremendously from 2016 to 2017 soaring upto 600 Millions.

According to the geo graph,United States region is involved in Survey.The various states are represented in colors in lower section. The data-set is viable for these regions in colors only on global map.

#Design Choices

I explored the data from lender’s point of view as to what they may be interested in knowing.

For different states,the distribution of measure values is best represented using column plots. The top 5 most effected states can be visualized better way using column plots. The column plot with highest length corresponds to the state having highest measure values and so on the 2nd,3rd,4th highest lengths likewise.

For continuous change over a time period, the line chart is apt. I have used two different colors to mark the difference between likes and dislikes count change over a time period.

I have used bubble diagram for “Comment disabled effect on views” For True- counts are less and for False, counts are more. The different colors and sizes of two bubbles clearly shows the effect.

The world graph demarcates different colored region over which the data is spread.Creates good visual appearance.

#Feedbacks

“ This is the kind of insights we were expecting to see! Well done! ”

“Fantastic use of titles in all your links!”

“Great job.”

“We were expecting to see details of the design choices you made.”

#Dataset from:

https://www.kaggle.com/datasnaek/youtube-new/data

(USvideos.csv)

#Resources: NA