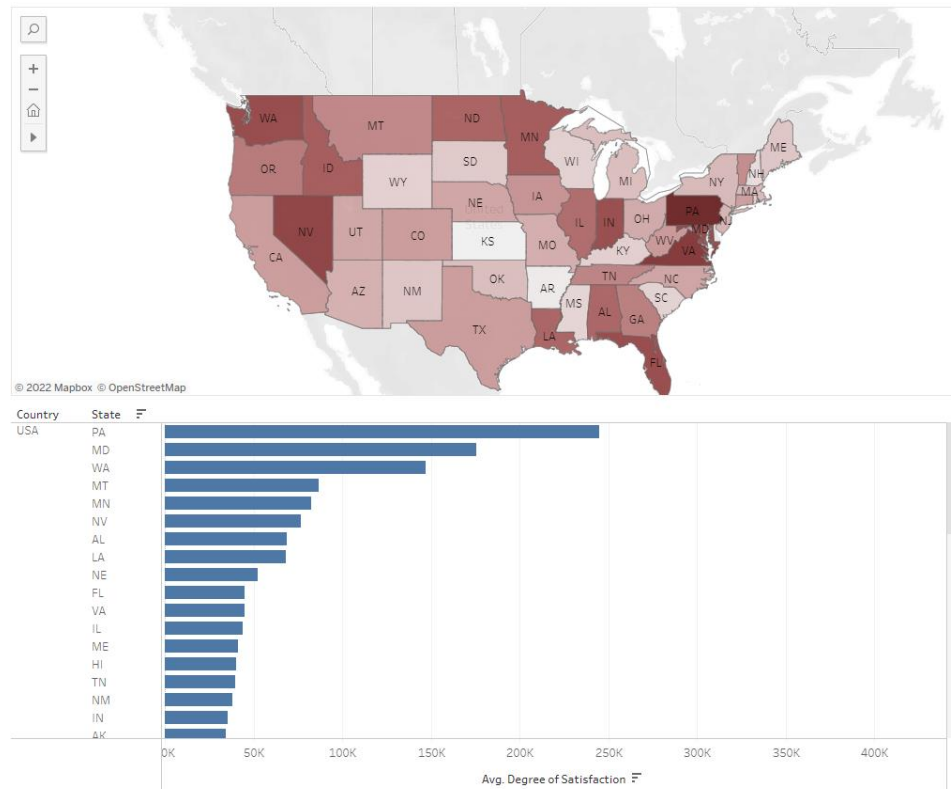


Omar Alajaji

4th Project

Data set: YouTube Data from the US

1) Is there a correlation between the average views per state and the degree of satisfaction?



Link:

<https://public.tableau.com/app/profile/k1y0sh1/viz/DashboardThecorrelationbetweenavgviewsanddegreeofsatisfaction/Dashboard1?publish=yes>

Summary: This dashboard contains two charts about average views per state and average degree of satisfaction per state (likes - dislikes), so we can see if there is any correlation between them and I found out that the degree of satisfaction is one of the factors that helps to boost the views and there is other factors example (state, type of content, target age, etc...).

Design:

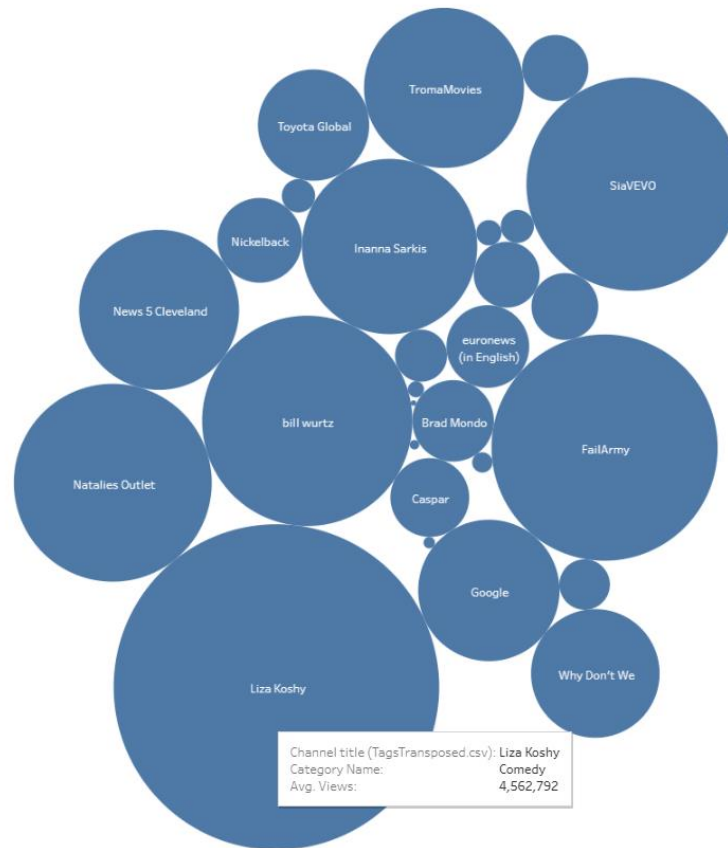
Map: I chose this color that describes the average views lighter color means fewer average views and the darker means higher.

Bar: I chose a bar graph to visualize the states with the highest degree of satisfaction by sorting them and I flipped it so it will be easier to see.

2) The highest average views channel with its category in a state?

Highest viewed channel in a state

State
PA



Data in the picture above is filtered by state = Pennsylvania (PA)

Link:

<https://public.tableau.com/app/profile/k1y0sh1/viz/VisualizationHighestavgviewedchannelinastate/Sheet3?publish=yes>

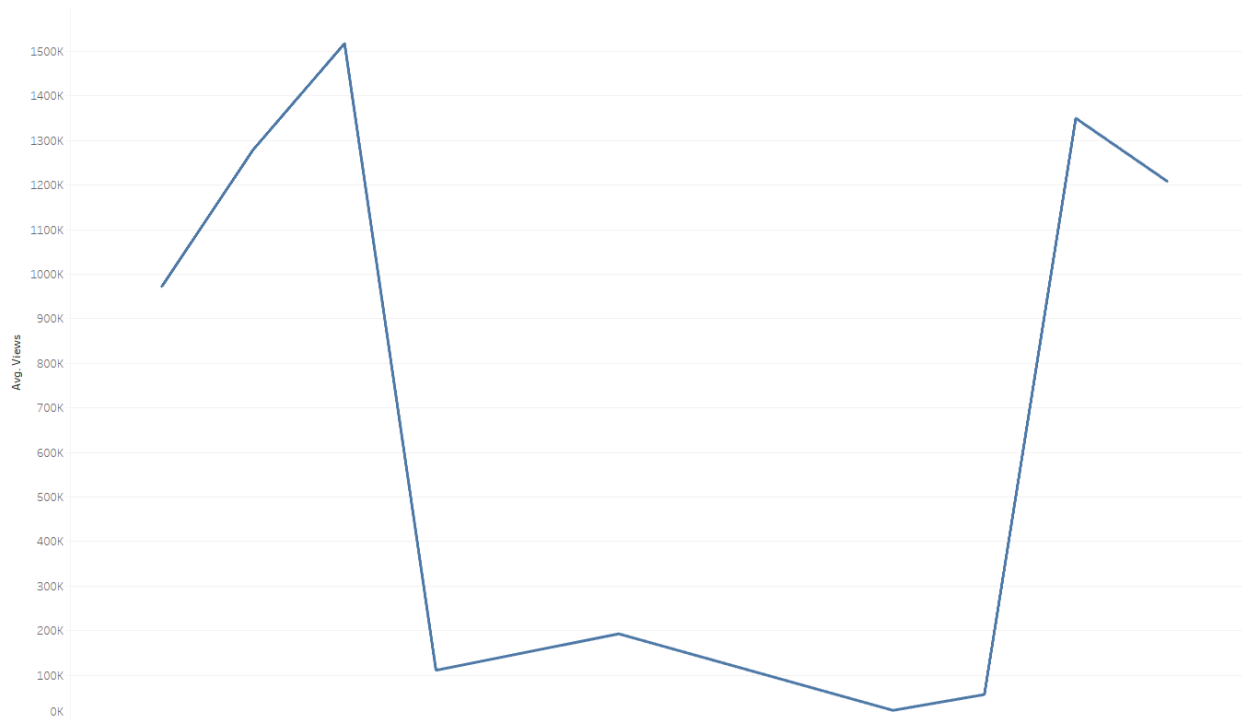
Summary: In this visualization we can see channel with the most views and I implemented a tool tip feature so you can see the category of the channel content and you can filter it by state in the example above we can see [Channel: 'Liza Koshy', Category Name: 'Comedy', Avg Views: '4,562,792'].

Design:

Packed bubbles: I chose this design to represent the data in a cluster of circles and I thought it is easy and interesting way to see which channel has the highest average views.

3) What is the best month to publish a video to get the highest views?

Best month(s) to publish a video



Data in the picture above is filtered from 2017 to 2018

Link:

<https://public.tableau.com/app/profile/k1y0sh1/viz/VisualizationBestpublishingmonth/Sheet6?publish=yes>

Summary: We can see in this visualization the months and the number of average views over the whole year, the highest average views is March, November and December so we can know what is the best time publish a video and you can filter which year you want to see or you can choose multiple years, a fun fact by searching on google I found that a lot of YouTubers like to post around December because they can earn more money.

Design:

Line: I've decided to choose line chart because I can represent the views over time