Project 4

BUILD DATA DASHBOARDS
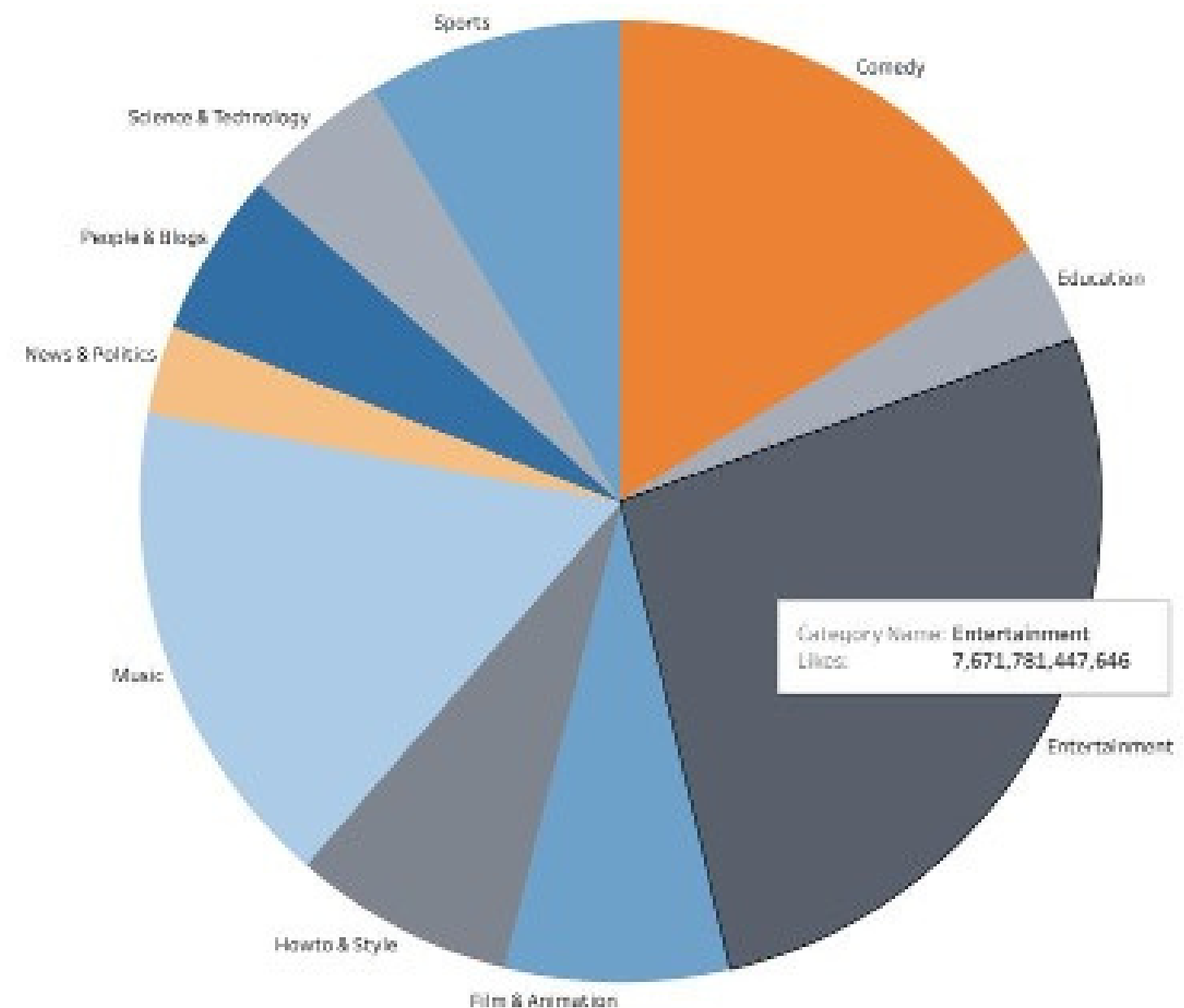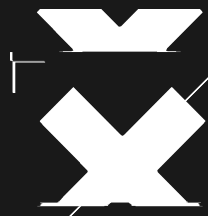
By Najla Alshehri

INSIGHT I

Summary:

The pie chart shows all the categories with more than 300B likes. We can see that the highest likes were in the entertainment category.

Design :

I used pie chart to show the percentage for each category, also I ensure to use color-blind friendly palette.

categories has more than 300B likes

Sports
Comedy
Science & Technology
Education
People & Blogs
News & Politics
Category Name: Entertainment
Likes: 7,671,781,447,646
Music
Entertainment
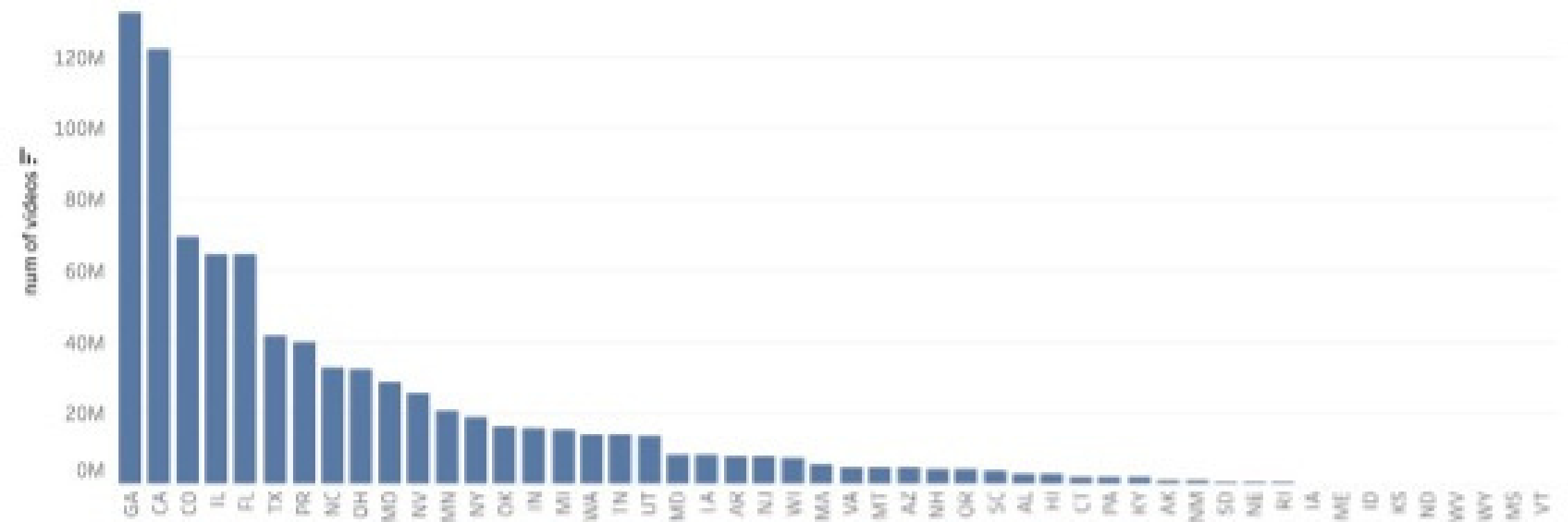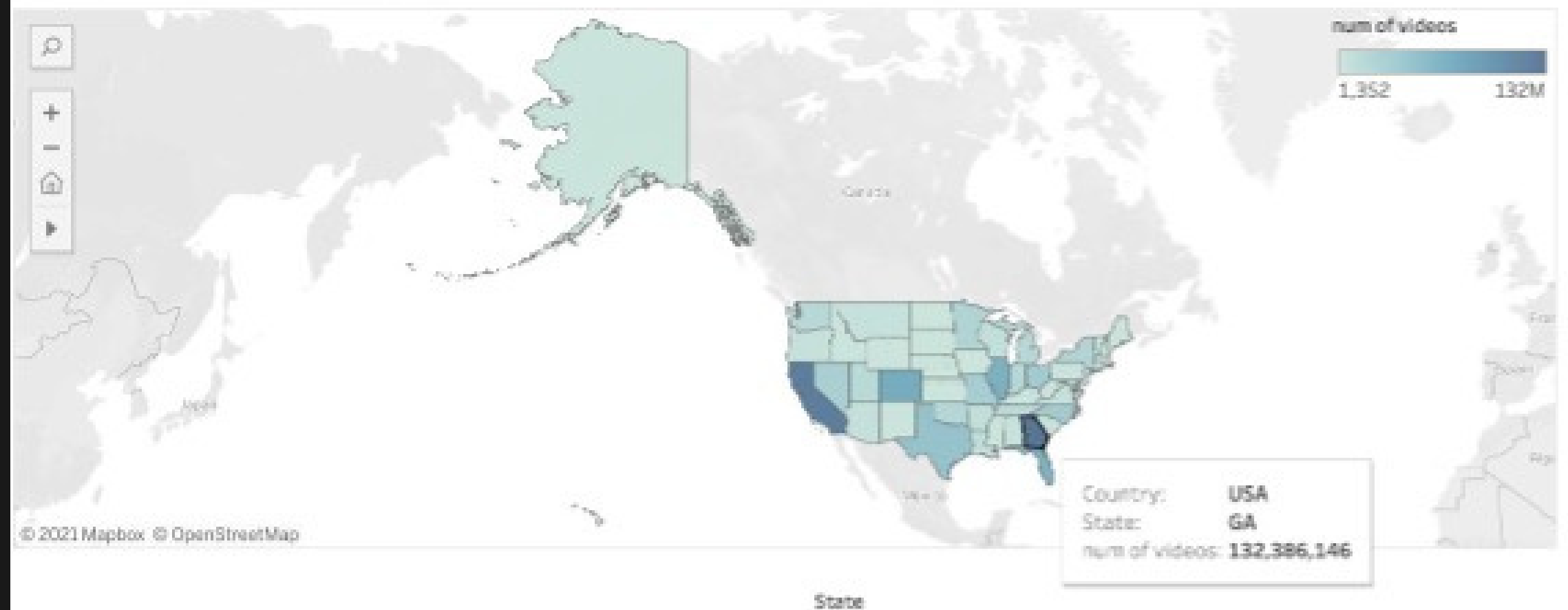Howto & Style
Film & Animation

INSIGHT 2

Summary:

From the dashboard, the map shows which state has made more videos. At first, You might think CA has made more videos, also it not clear which state has made the fewest videos. To make it better, I added a histogram.

Design :

Since the data is geographical, I used the map, and I added histogram to make it more clear
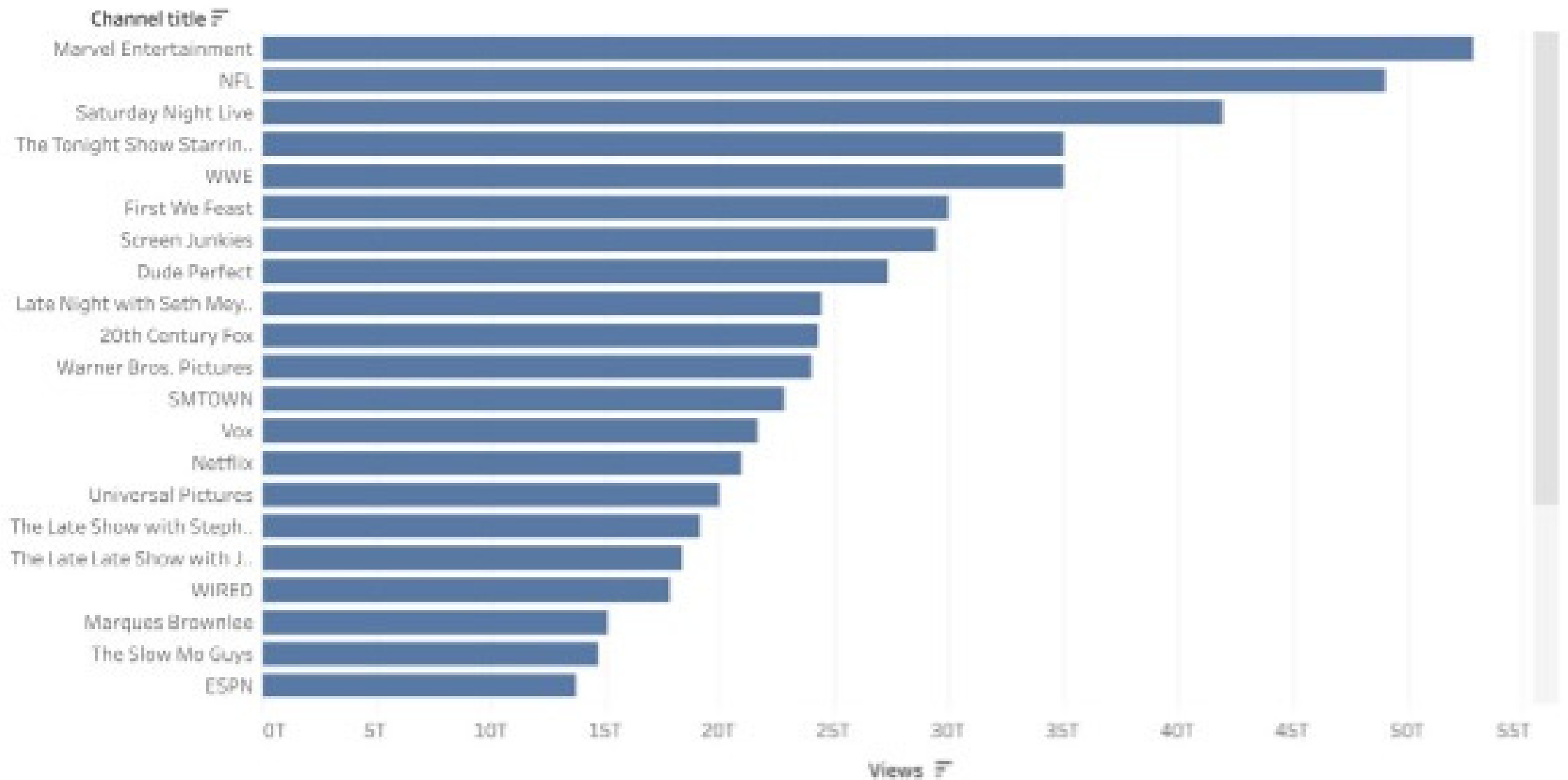
INSIGHT 3

The dashboard shows the top 30 channels with the most views and which video has the most views in a specific channel. The first histogram shows that Marvel entertainment channel has the most views. Using the filter, you can see that the Infinity war official trailer was the most viewed video in Marvel entertainment.

Design: Bar chart is the best way to represent categorical data, and it make it easy answer the question.

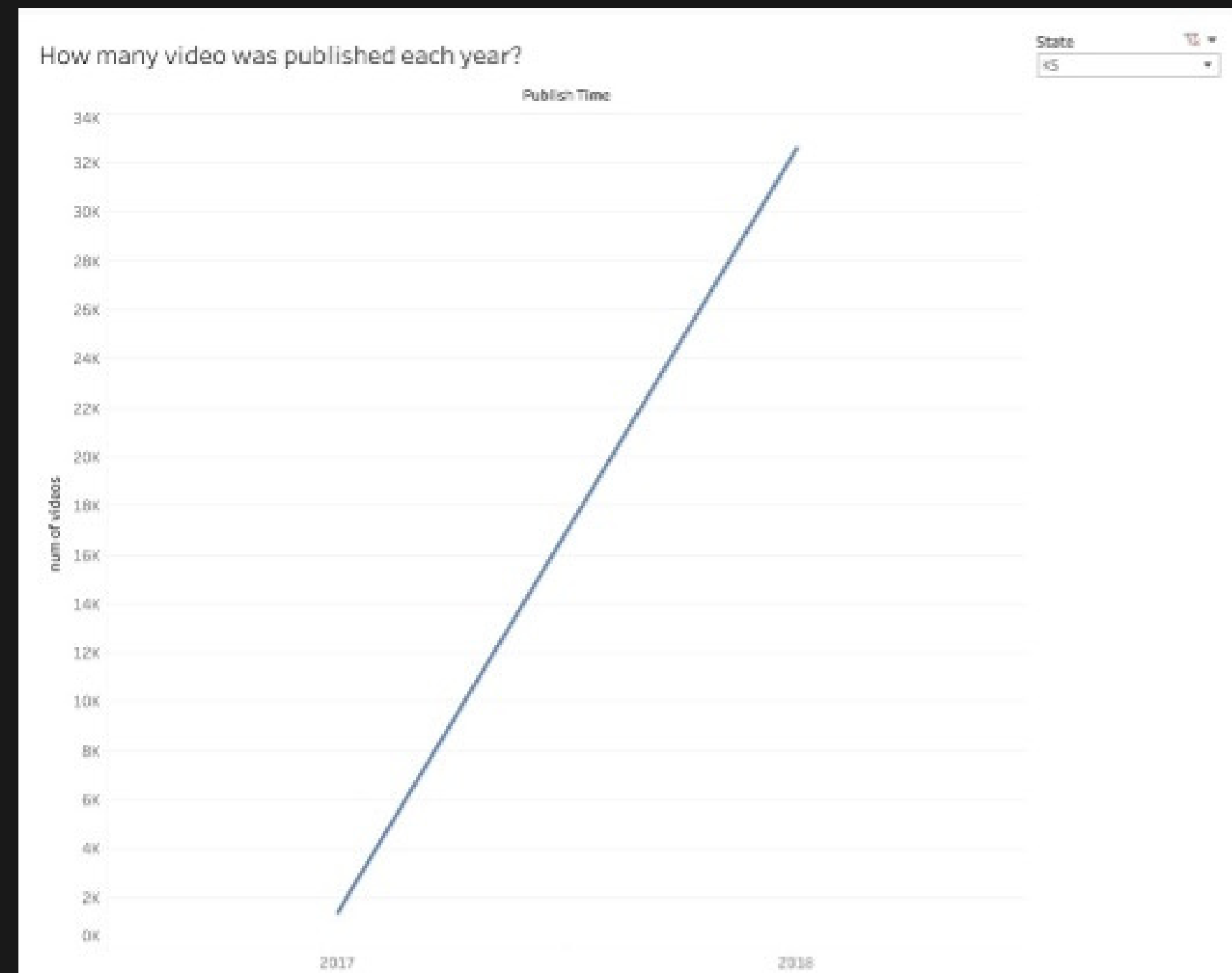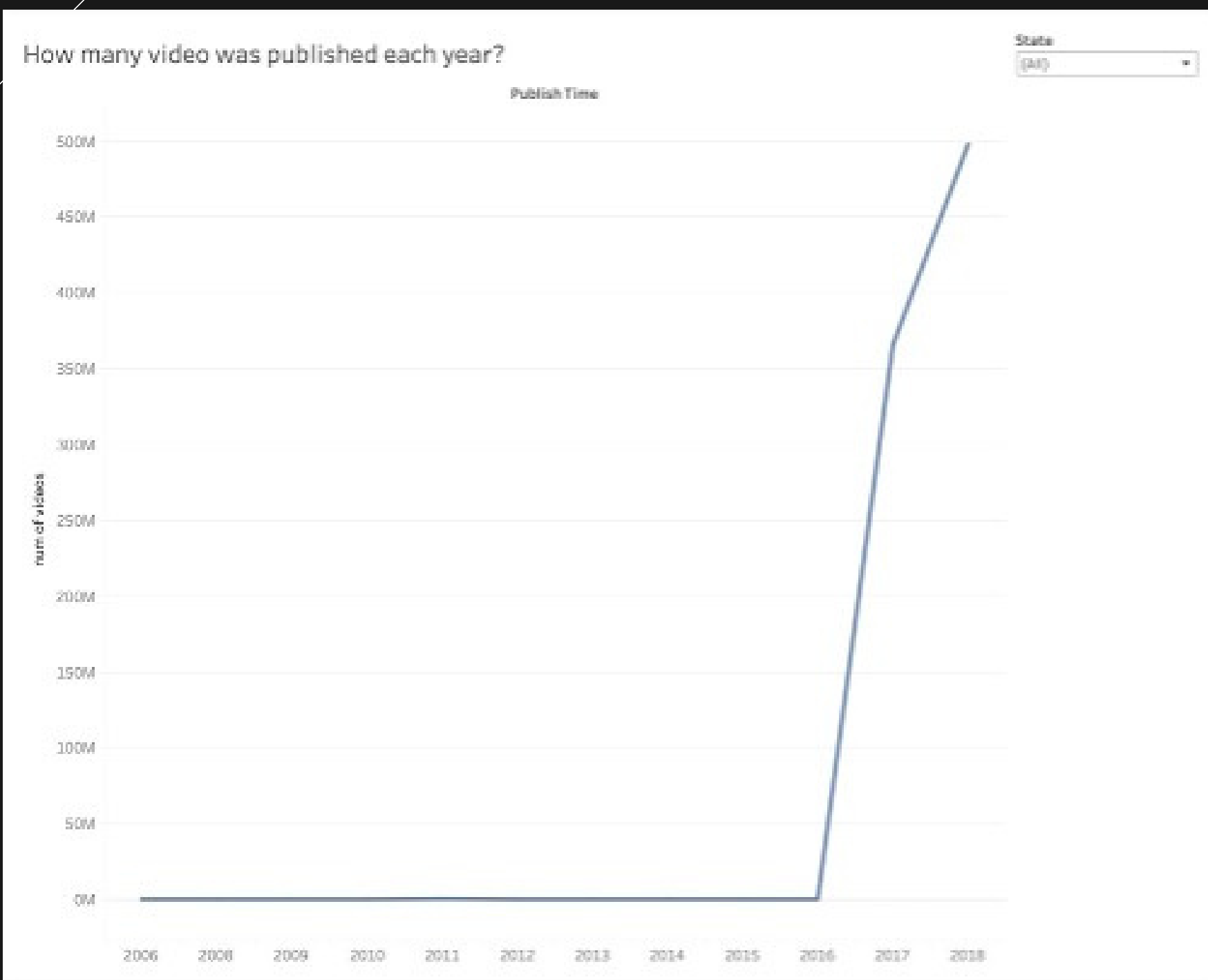## what are the top 30 channels with most views?

Channel title ᶠ

Channel	
Marvel Entertainment	
NFL	
Saturday Night Live	
The Tonight Show Starrin..	
WWE	
First We Feast	
Screen Junkies	
Dude Perfect	
Late Night with Seth Mey..	
20th Century Fox	
Warner Bros. Pictures	
SMTOWN	
Vox	
Netflix	
Universal Pictures	
The Late Show with Steph..	
The Late Late Show with J..	
WIRED	
Marques Brownlee	
The Slow Mo Guys	
ESPN	

0T   5T   10T   15T   20T   25T   30T   35T   40T   45T   50T   55T

Views ᶠ

which video has the most views in the channel?

Channel title
Marvel Entertainment ▼

videos ᶠ

video	
Marvel Studios' Avengers:..	
Marvel Studios' Avengers:..	
Marvel Studios' Avengers:..	
Marvel Studios' Ant-Man ..	
Marvel Studios 10th Anni..	

videos: Marvel Studios' Avengers: Infinity War Official Trailer
Views : 39,016,270,199,478

0T   5T   10T   15T   20T   25T   30T   35T   40T
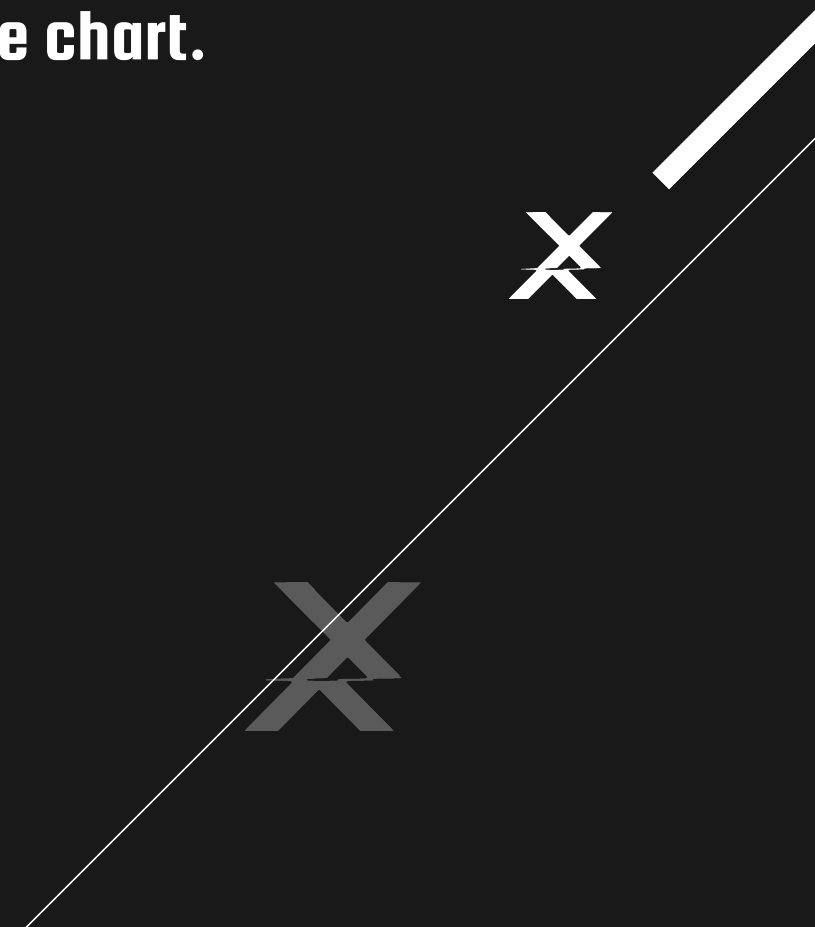
Views ᶠ

INSIGHT 4

INSIGHT 4

summary:

From the line chart, you can see how the number of video publishing was increasing after 2016. I added a filter to see how many videos were published each year in a specific state. For instance, in KS year 2017, there were (1,372) videos publishes, and it reached (32,580) videos in 2018.

Design: we are dealing with dates and frequency, and the best way to represent that is by line chart.

THANK YOU