Business Analytics Nanodegree
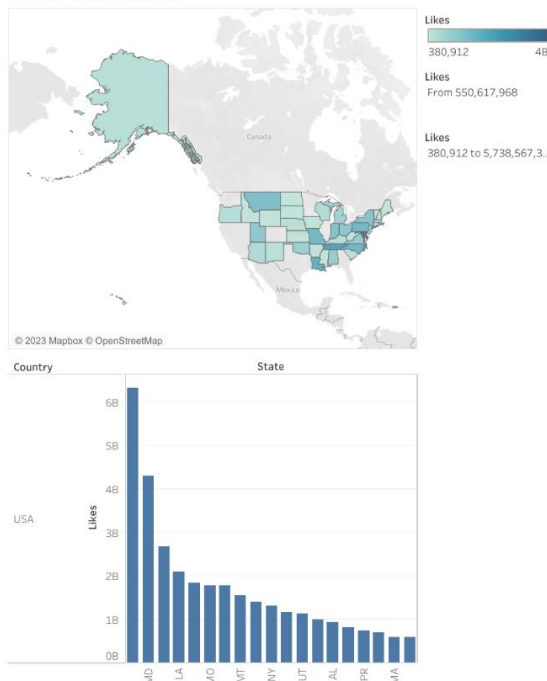# Project 4: Build Data Dashboards
(YouTube Data)

Insight 1: In which state do videos receive the most likes despite having less than or equal to 100 billion views?

Dashboard:

Likes- Dashboard.

Link: Insight 1

Summary: The dashboard indicates that Hawaii (HI) has the highest number of likes (around 3B) among the states in the United States with less than or equal to 100B views. The color density is designed to accommodate people with colorblindness and represents values from highest to lowest.

Design Comment: To summarize, I used a map chart to display state data and a bar chart for quick comprehension. The "Views" filter was applied to focus on a specific range of views values, making the chart relevant to my insight.
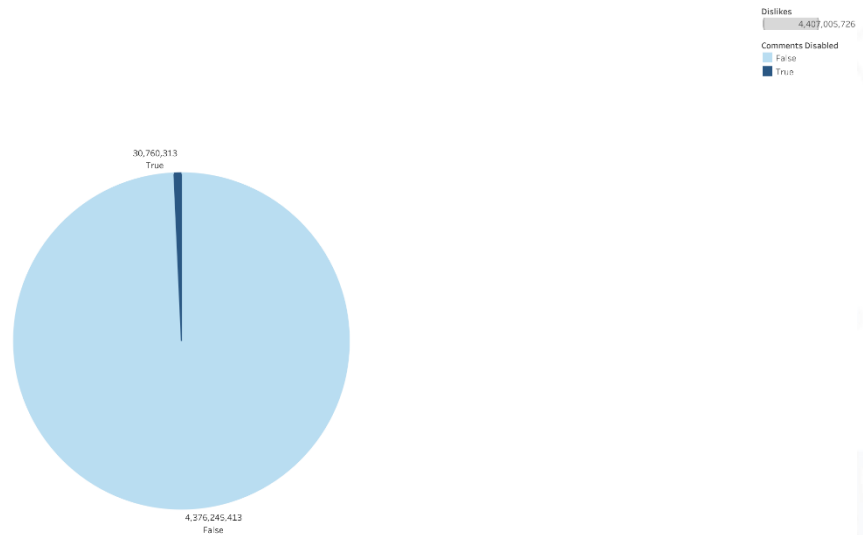
Resources: N/A

Insight 2: What is the number of channels that have comments disabled?

Dashboard:

Disabled Comments

Dislikes
4,407,005,726

Comments Disabled
☐ False
☐ True

30,760,313
True

4,376,245,413
False

Link: Insight 2

Summary: The dashboard indicates that comments disabled True has the lowest of dislikes (30,760,313) in 41 channel title.
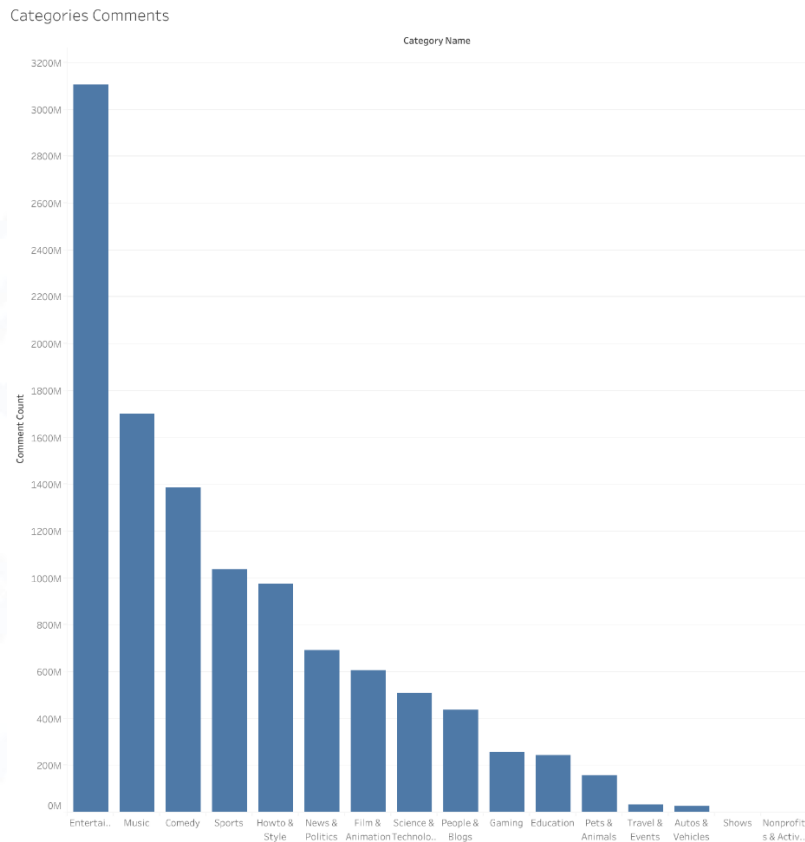
Design Comment: I chose a pie chart as it effectively conveys percentages and simplifies the comparison of parts, as for color I used Blue to show Disabled Comments.

Resources: N/A

Insight 3: Which video category has the most extensive engagement in terms of comments?

Dashboard:

Categories Comments

Link: Insight 3

Summary: The dashboard indicates that categories comments has the largest of Entertainment (3,107,303,743).

Design Comment: I chose a bar chart for the report as it is better suited for comparing values as for color, I used Blue to show the bar chart.

Resources: N/A