

### Insight 1

Link:

<https://public.tableau.com/app/profile/peter.adel/viz/Statesthathavethemostdislikedbymonths/Dashboard1?publish=yes>

Summary:

From this dashboard, we can see the states that have the most dislikes by month. Generally, Florida was the top state having dislikes throughout the whole period. For example, in January, Iowa (IA) state scored the least dislikes count.

Design:

I used colours on map to show the states that have the most dislikes. Then I used the bar chart to show the descending order of states by dislikes. Finally I added a month variable filter to specify the study to each month.

### Insight 2

Link:

<https://public.tableau.com/app/profile/peter.adel/viz/TheSumofviewsbycategorynameandcommentsdisableneachstate/Sheet1?publish=yes>

Summary:

From this bar chart, we generally can observe that the category that had the most views was "Music" (8.801 billion views). Specifically, in California, the top category was also "music" (1.177 billions views).

Design:

I used bar chart to show the sum of views for each category, because the target variable is categorical. Additionally I used the colours to distinguish between the views regarding the comments availability.

### Insight 3

Link:

<https://public.tableau.com/app/profile/peter.adel/viz/Thecountoftoptentagswiththesumofviewsfilteredbytrendingdateannually/Sheet1?publish=yes>

Summary:

The scatter plot shows the count of top ten tags. The visualisation shows the sum of views for each filtered by the year of the trending date. It was observed that the word "funny" has been searched the most during the time span of our dataset with a count of 1182. Then the word "comedy" comes in second place with 1002. The sum of views that are related to the tag "music" equals to 316.5 million.

Design:

The scatter plot is used with size tooltip to show the count of tags as well as the sum of views related to the same tag.