Telling Stories with Data using YouTube data

Insight 1

- **Link**:
  https://public.tableau.com/app/profile/hazem.elseify/viz/insight1_16613047571180/Dashboard1

- **Summary**:
  - from this map we found that maximum numbers of views for each state in us as we given the dataset about US country.
  - It appears that the max number of views is in Florida (149,376,127) and Colorado (102,012,605).
  - And least state with max number of views is in New Hampshire (801,597) and Wyoming (834,208).
  - We can use year of release date as filter to see the change in specific year.
  - All in one dashboard that clarify everything said before.

- **Design**:
  - used map to make the visualization better to understand the sates on it and used all blue color for bar chart because focusing on the max number of views it more important that color distraction

Insight 2

- **Link**:
  https://public.tableau.com/app/profile/hazem.elseify/viz/insight2_16613099666870/Dashboard1
- **Summary**:
  - From sheet1 we found that the scatter plot has the relationship between maximum likes and maximum dislikes and categories the top category name based on these parameters is **Entertainment** (likes: 3,093,544, dislikes: 1,643,059, number of channels:376) and the least category is **nonprofit and activism** (likes:13,341, dislikes:797 number of channels:11)
  - Form sheet2 we found that bar-chart between city name and the maximum likes as well and the top city is Orlando which is in Florda state, and the least city is Fairbanks which is in AK state
  - And the dashboard combines the two sheets with using the sheets as filter to each other (affects on each other)

- **Design**:
  - Using scatter plot, we used marks and the size of the dot refer to the number of distinct channels and the tooltip defines the max number of comments and max number of the difference between likes and dislikes
  - in the bar-chart we use the same color to focus on the max number of likes and used state name of each city in tooltip

Insight 3

- **Link**:
  https://public.tableau.com/app/profile/hazem.elseify/viz/insight3_16613216393050/Dashboard1
- **Summary**:
  - From sheet 1 we used line chart to represent the published time of videos compared to the avg number of likes, dislikes, views, and comments count
  - From sheet 2 we used line chart to represent the trending time of videos compared to the avg number of likes, dislikes, views, and comments count
  - The dashboard compared these two line charts and we notice that the date of treading is more that the date of published videos and some videos is treading after publishing by more than 5 years
- **Design**:
  - We use for each row different color to notice it and know the difference between them