Project :
Build Data Dashboards

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Introduction:

- In this project, we build interactive dashboards with Tableau to tell stories from data. We use a dataset of Youtube it includes a bunch of information for videos that were trending for at least one day in the US to visualize the categories are the most liked , and more. Upon completion of this project, we are able to evaluate effectiveness of a data visualisation and build engaging Tableau dashboards.

Context of dataset:

- YouTube (the world-famous video sharing website) maintains a list of the top trending videos on the platform. According to Variety magazine, "To determine the year's top-trending videos, YouTube uses a combination of factors including measuring users interactions (number of views, shares, comments and likes). Note that they're not the most-viewed videos overall for the calendar year". Top performers on the YouTube trending list are music videos (such as the famously virile "Gangam Style"), celebrity and/or reality TV performances, and the random dude-with-a-camera viral videos that YouTube is well-known for.This dataset is a daily record of the top trending YouTube videos.

Content of dataset:

- This dataset includes several months (and counting) of data on daily trending YouTube videos. Data is included for the US, GB, DE, CA, and FR regions (USA, Great Britain, Germany, Canada, and France, respectively), with up to 200 listed trending videos per day.
- This dataset was collected using the YouTube API.

Insight 1:

- https://public.tableau.com/app/profile/nawaf7953/viz/ViewsVsHours/ViewsVsHours?publish=yes
- From the line chart, we see the a hours with total views, The goal of this line chart is to know what time it gets the most views which is 17pm.

Insight 2:

- https://public.tableau.com/app/profile/nawaf7953/viz/CategoryVslikes/CategoryVsLikes2018?publish=yes
- From the bar chart, we see the category and the total of likes for the year of 2018 , The goal of this bar chart is to find out which category got the most likes in 2018, which is Music.

Insight 3:

- https://public.tableau.com/app/profile/nawaf7953/viz/CategoryVsLikesViews/CategoryVsLikesViews?publish=yes
- From the pie chart, we see the category and the total of views and likes, The goal of this pie chart is to find out which category got the most views and likes, which was the music category.

Dashboard:

- https://public.tableau.com/app/profile/nawaf7953/viz/CommentsperCategoryState/CommentsperCategoryState?publish=yes
- From the bar chart, we see the Category and the Comment count ,The goal was to find out which category got the highest Comment count, which was Music category
- From the map chart, we see the states and the total views and comments for each state ,The goal was to find out which state got the highest total of views and comments, which was Florida State.

Story:

- https://public.tableau.com/app/profile/nawaf7953/viz/ViewesLikesVsCategory/ViewesLikesVsCategory?publish=yes

Sources:

- https://www.kaggle.com/datasnaek/youtube-new/data
- https://www.youtube.com/watch?v=9xqHA732LMA&feature=youtu.be