* Question/Problem statement:
  + The objective is to study the behavior of the US (united states) YouTube users, Figure out if some conditions effect (views or likes) generally other attributes.
* Data Description:

The dataset’s **purpose** is to display a list of trending videos on youtube platforms (US) from 2017 till 2018 ,  measured by user interaction like number of views, shares, comments and likes.

* + Columns:

The dataset’s **Attributes** are 16 (.

video\_id (string)

,trending\_date(date ),

Title(string)

, channel\_title(string)

, category\_id

, publish\_time (date time)

, tags(string)

, views(int)

, likes(int)

, dislikes(int)

, comment\_count(int)

, thumbnail\_link(string)

, comments\_disabled(Boolean)

, ratings\_disabled(Boolean)

, video\_error\_or\_removed(Boolean)

, description (string) )

* + Rows

Data size (no. of rows and no of columns)

40950 row and 16 columns

* Tools:
  + Programs: Spyder, SQLite, DB browser.
  + Libraries: Pandas, NumPy, Matplotlib.
  + Functions: Count, Max, Min and Sort.
  + Plots: Histogram, Line and Scatter Plot.
* MVP Goal:

The goal of this project is

* To analyze the pattern of Us YouTube users by that I can provide
* The best time to share a video to be viral.
* The most watched category.
* Also, an optional step: classification video based on category, depending on some attributes that determine a type of video if it is a comedy or a music, … etc.
* Source:

https://www.kaggle.com/