Netflix Project

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- Have a look at the flixpatrol.zip
- This data contains the 18214 movie and TV show details
- It has the following fields
  - Title of the Movie or TV Show
  - Type: Movie or TV Show
  - Genre: Action, Drama, Thriller etc
  - Premiere: Year
  - Number of Hours Watched
  - Watchtime in million

- Customer A would like to watch a crime Movie that is premiered between 2000 and 2023 and most viewed. What would be your recommendation?
- Customer B would like to watch a historical TV show that is premiered between 2010 and 2020 and least viewed. What would be your recommendation?
- Provide a histogram based on the year, genre, movie, views etc

- Create a piece of software in such a way that, it asks the input from the customer as follows
    - Type of movie or TV show
    - Genre
    - Range of years
    - Number of views
- Based on the above input, your software should provide a suggested movie to the customer

- Design another 5 problems that you can extract information and provide to Netflix from this dataset
- If you are employed in Netflix, what would be your recommendation to purchase a new movie?
- If you are customer, what would be your complains or recommendations to their movie collection based on this dataset?

- Have a look at the NetflixDataSet.zip
- This data contains the number one movies and TV shows every week in 2020 at Netflix in multiple countries
- It has the following fields
  - Week: Week when the show as number one
  - Show_type: Movie, TV Shows, Documentary, etc
  - Title: Title of movie or show
  - Ori_country: origin of the show or movie
  - Genre: Action, Thriller etc
  - Release_date: date of the show or movie released
  - Is_nf_ori: Prepared for Netflix or some other
  - Imdb_rating: IMDB rating
  - Rt_rating: Rotten Tomatoes Rating
  - Country_chart: Where the show is number one in that row
  - Show_link: URL For Description from flixpatrol
  - Continent: Continent

- List out all movies that has IMDB rating more than 75% from all countries
- List out all Indian TV shows prepared for Netflix and has IMDB rating more than 60%, RT rating, at least 50% with originating countries from Germany or USA or India that was released in the second half of the year

- Create a piece of software in such a way that, it asks the input from the customer as follows
  - Country
  - Genre
  - IMDB rating
  - Release month
  - Show Type
- Based on the above input, your software should provide a suggested movie to the customer
- Design another 10 problems that you can extract information and provide to Netflix from this dataset

- Use Geopandas and the list of countries which was provided in the dataset
- For each country provide the details of films based on rating with different variation of colors