**Netflix Business Case study - EDA using Python**

The objective of this assignment is to analyze the given Netflix dataset and generate insights

**About the Dataset:**

Netflix is one of the most popular media and video streaming platforms. They have over 10000 movies or tv shows available on their platform, as of mid-2021, they had over 222M Subscribers globally. This tabular dataset consists of listings of all the movies and tv shows available on Netflix, along with details such as - cast, directors, ratings, release year, duration, etc.

**Objectives of the Assignment**

* Perform EDA on the given dataset and find insights.
* Provide Useful Insights and Business recommendations that can help the business to grow.

**Steps required:**

1. Importing Libraries
2. Loading the data
3. Basic Observations like,
4. shape of the data set
5. checking a few rows
6. count of the non-null values
7. unique values of each column and
8. detailed description of numerical and categorical columns.
9. Data Cleaning
10. Overall null values in each column
11. Impute null values using fillna() method
12. Replace the wrong entries in rating column
13. Change the datatype of date\_added column from object to datetime using pandas function to\_datetime()
14. Check the types of content present in dataset (Hint unique values of type col)

**Challenging Questions:**

* The oldest and the most recent movie/TV show released on Netflix in which year?
* Which are the different ratings available on Netflix in each type of content (Movies/TV Show)? Check the number of contents released in each type.
* Total movies and tv shows directed by each director.

**Visual Analysis**

* Distribution of content across the different types (Movies/TV Shows) using matplotlib pie chart
* General visual analysis of null values in each column
* Seaborn box plot for each numeric column to identify any outliers.