# **Netflix data analysis using python.**

## Objective

The main objective is to perform Exploratory data analysis and analyze the given dataset to answer set of business questions client wants to know.

**Data source- Kaggle.com**.

**Dataset description**- This dataset consists of tv shows and movies available on Netflix as of 2019. The dataset is collected from Flixable which is a third-party Netflix search engine

## Project Roadmap

1. Ask- Collect stakeholder requirement and business questions.
2. Prepare- Validate business requirement and download data set.
3. Process- Perform Exploratory data analysis and make it ready for analysis.
4. Analyze- Analyze the data to answer set of business questions.
5. Share- Document and represent the findings and share it with stakeholders.

# Business question client wants to know from this data.

1. Get detail for "House of Cards" and who is the director of the show.

2. Highest number of TV shows and movies released by years, Visualize result.

3. How many Movies and TV Show we have in dataset.

4. In The year 2000 how many movies are releases, display their details.

5. Show number of TV Shows released in India only and also get their title.

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6. Show Top 10 Directors, Who gave the highest number of releases to Netflix.

7. Show all the Records, where "Category is Movie and Type is Comedies" or "Country is United Kingdom".

8. Get detail of Actor Tom Cruise, in home many Movies/Shows he was present.

9. Count of all unique Ratings.

10. Get the count of TV-14 rating Movies in Canada.

11. After 2018 how many TV Shows got "R" rating.

12. Maximum Seasons in TV Shows.

13. Maximum duration in Movie.

14. Country with release of maximum number of TV Show.

15. Country with release of maximum number of Movies.

16. Find total number of Drama Movies and display records.

17. Find total number of Kids TV Show and display records.

18. Find the number of Comedy Movies released for family and kids in India only and display their title.

19. Find the number of adult movies released in India only along with title and duration of movie.

20. Find Adventure and Thriller movies released in India only along with title and duration of movie.