**NETFLIX DATA ANALYSIS**

**Problem Statement**

Detailed analysis of the Netflix dataset for retaining information on the basis of rating, released year, month/ year added , countries , titles and description and giving visual representation using graphs and charts.

**Name of Dataset**

Dataset : “dataset”

CSV file : “netflix\_titles.csv”

**Details of Dataset**

Rows : 8807

Columns : 12

Datatypes of each attributes

|  |  |
| --- | --- |
| description | object |
| Id | object |
| Type | object |
| title | object |
| director | object |
| cast | object |
| country | object |
| date\_added | object |
| released\_date | int64 |
| rating | object |
| duration | object |
| listed\_in | object |

**Link to the Dataset**

https://drive.google.com/file/d/1-Aux7HjRtqh1ECnLOZUaRGBLvbX6uS-p/view?usp=sharing

**Data Analysis**

* Used libraries like NumPy, Pandas, Matplotlib, plotly.express.
* Plotting a scatter plot between release year and number of shows available.
* Giving information regarding the number of TV shows and movies available in the country.
* Showing the title of the Movie/TV show with its description.
* Representing pie charts of ratings on Netflix.
* Described shape, type, grouped by different columns to provide data visualization, etc.
* Showing comparison between movies and TV shows.
* Used groupby function for data analysis.
* Plotting bar graph on top-5 directors.
* Effective Representation on top 20 genres on Netflix.

**Project Outputs**















