**Data Exploration and Analysis of Netflix Trend 2019:**

Netflix Trend 2019

Fall’22 MDA 530\_1

Dt: Dec 13, 2022

**Description:**

The project examines Netflix Trend 2019 using descriptive and visual analysis. I found the data set at the public website.

This dataset includes of Netflix-eligible television series and feature films as of 2019. The dataset was gathered through the third-party Netflix search engine Flixable.

**Data Overview and Transformation:**

Dataset Information 5837 Records, 12Columns, the column information from the data source is listed below.

Graphical user interface, text, application

Description automatically generated

|  |  |
| --- | --- |
| **Column** | **Description** |
| show\_id | Show Id |
| title | Show Title |
| director | Show director |
| cast | Cast details |
| country | Country Details |
| date\_added | Show date added |
| release\_year | Release date |
| rating | Show rating |
| duration | Show duration |
| listed\_in | Listed in |
| description | Description of the show |
| type | Show Type |

I have removed the duplicates and null records from the data set like below: Graphical user interface, text, application, email

Description automatically generated

Sample Data:

A screenshot of a computer

Description automatically generated with medium confidence

**Descriptive and Visualization:**

We have achieved below cases.

**Case-1**: **Which Rating categories are more widely available?**

**Result:** TV-MA this Rating category are highly available.

Chart, histogram

Description automatically generated

**Case-2**: **Evaluating the frequency of each type and rating.**

**Result:** The graph below reveals movies are under TV-MA rating.

Chart, histogram

Description automatically generated

**Case-3:** **Total types that the top countries produce.**  
**Result:** United States produce more TV show and Movies.

Chart, bar chart

Description automatically generated

**Case-4:** **Total Movies and TV Shows Currently Present in Netflix.  
Result**: By looking at the graph, more movies are available on Netflix.

A picture containing diagram

Description automatically generated

**Case-5**: **What percentage of available movies and TV shows is total?**

**Result:** Most of the Netflix's content (98.2%) is movies.

**Chart, pie chart

Description automatically generated**

**Case-6**: **Total released ever year.  
Result**: Most content in 2017 were published on Netflix.

Histogram

Description automatically generated

**Conclusion:**

Observing the output above, we learn that The majority of 2017's programming was released on Netflix. Movies make up the majority of Netflix's content (98.2%). The graph shows that there are more movies available on Netflix. More TV shows and movies are made in the United States. According to the graph below, movies only receive a TV-MA rating. The TV-MA rating category is widely accessible.