

# Data-analysis-for-Movies-Created

## Introduction

This is a exploratory data analysis project which focuses on movies ratings.

## Python library used

- Pandas - for cleaning and transforming data
- Matplotlib and seaborn - to create visualizations

## Dataset explanation

`movies.csv` contains movies information for nearly 7,700 movies (with a significant number of votes) released from 1980 to 2020. As of 2021, the ratings were up to date.

Column	Description
name	the name of the movie
rating	the motion picture rating of the movie
genre	the genre of the movie
year	the release year of the movie
released	the release date of the movie in each country
score	the rating of the movie (user score)
votes	the number of votes cast
director	the name of the director of the movie
writer	the name of the writer of the movie
star	the name of leading actor of the movie
country	the name of the country in which the film was produced
budget	the budget for each film in dollars
gross	the gross for each film in dollars
company	name of the film production company
runtime	the length of the movie in minutes

