

Project Title: Netflix Movies and TV Shows Project - Group ID: 3

Group Members:

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The main goal of this project is to bring the decision process on another level for an investor in film industry. A tool will be created in order to specify two correlations: first, the cooperation ratings between the actors/actress' and the directors they both work with as a pair and the cooperation ratings between the actors and actress' together.

By pointing out a correlation, it will be possible to detect the best working pairs according to the number of projects that those pairs have worked on before. This tool will increase the investment potential of the film projects and will affect the industry itself by accelerating the financial process.

In data set we have 12 different data for Netflix movies and TV shows and these are Unique ID for every Movie / Tv Show, Identifier - A Movie or TV Show, Title of the Movie / Tv Show, Director of the Movie, Actors involved in the movie / show, Country where the movie / show was produced, Date it was added on Netflix, Actual Release year of the move / show, TV Rating of the movie / show, Total Duration - in minutes or number of seasons, Genre, The summary description. Data has 6172 unique Netflix movies and TV shows (both included).

In the datasets we have, we currently do not have any ratings of the TV shows and movies. After obtaining the required information from IMDB with web scraping, we will generate a link about the success rates of the actors; both with each other and with the directors. at the end, what we aim is to have a proper representation of the best congruous actor couples and actor-directors.