THE FILM INDUSTRY

AN ANALYSIS BY:
RORAIMA CHÁVEZ

MAVERICK productions

CONCEPT STUDY

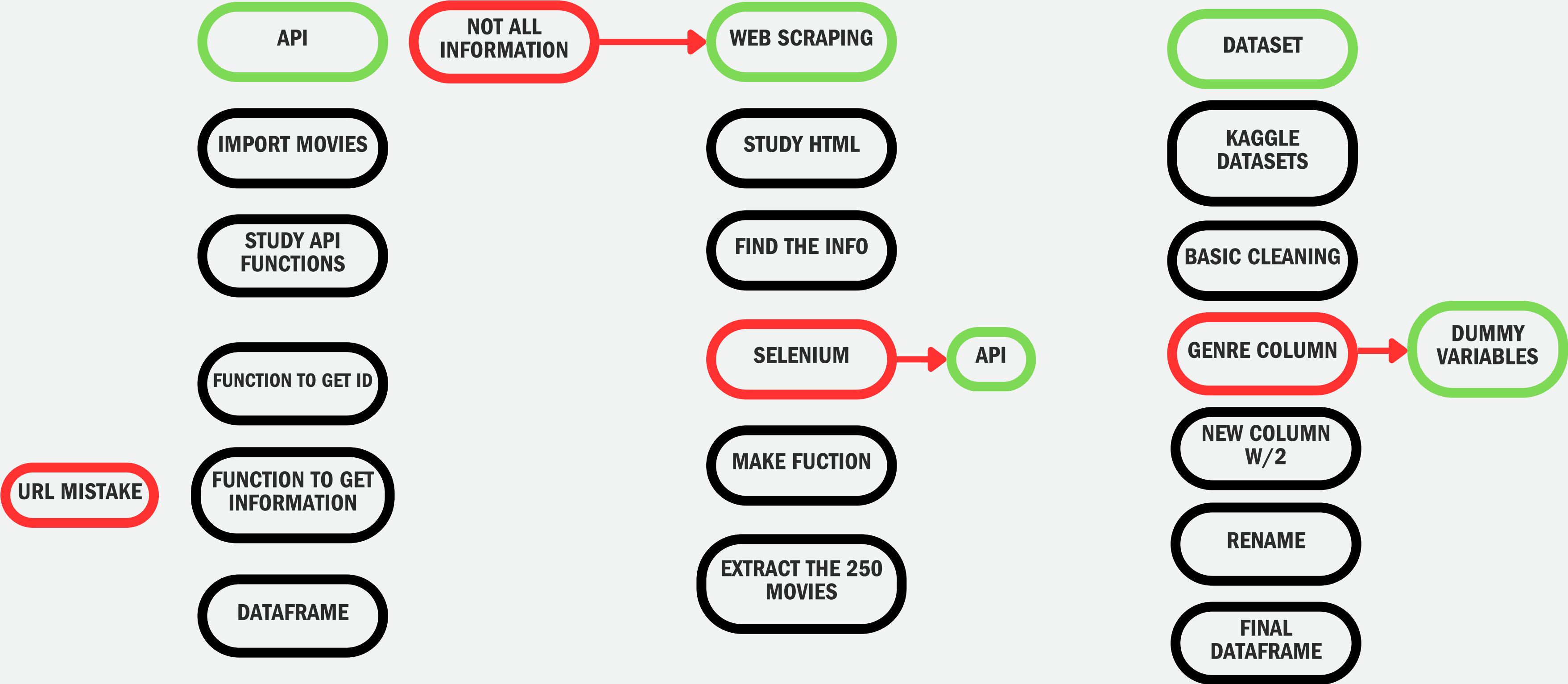*Taking into account the last 10 years of production:*

- *Film or series?*

- *Genre?*

- *Country?*

- *Directors & their movies range.*

- *What the audience prefers?*
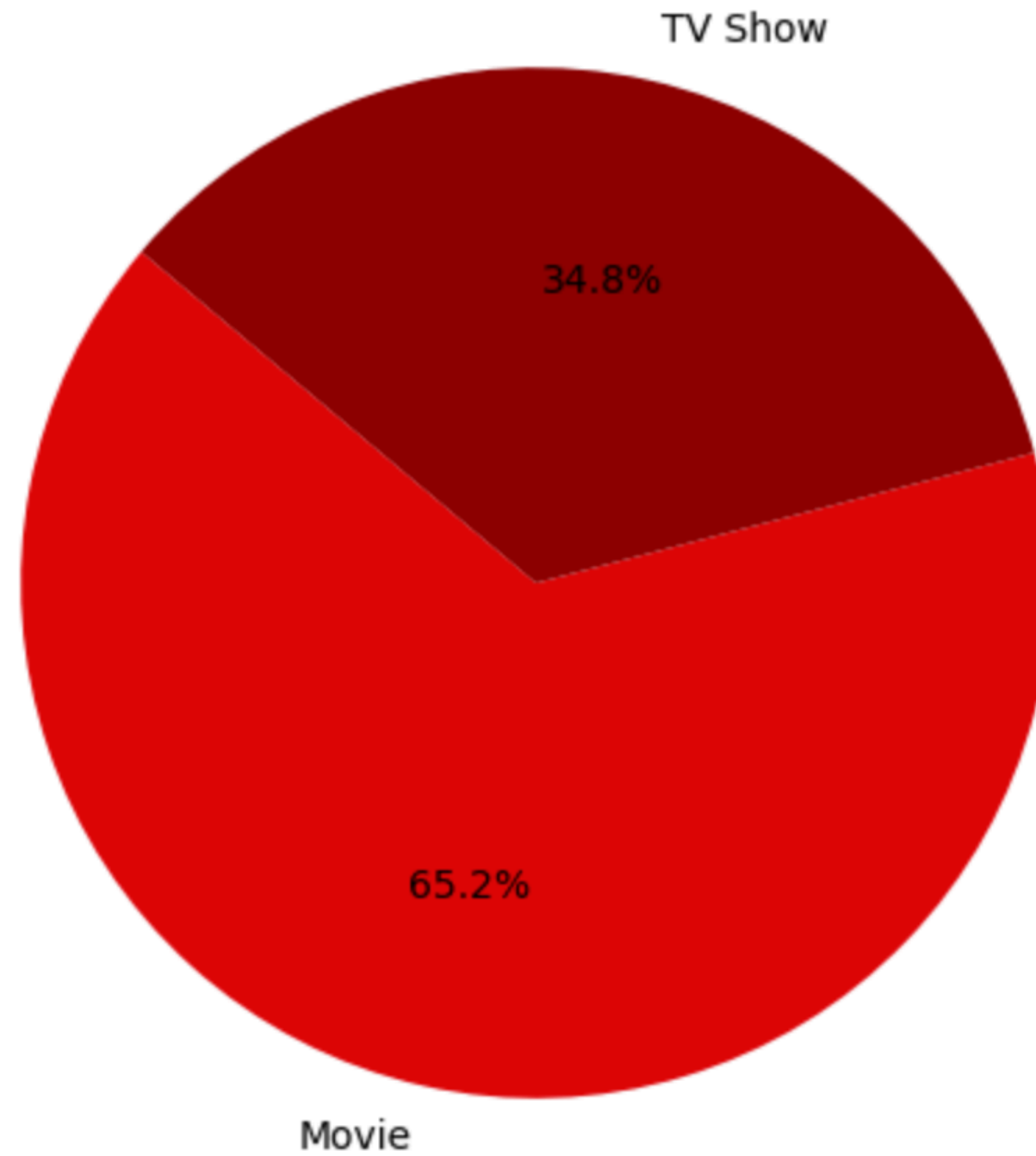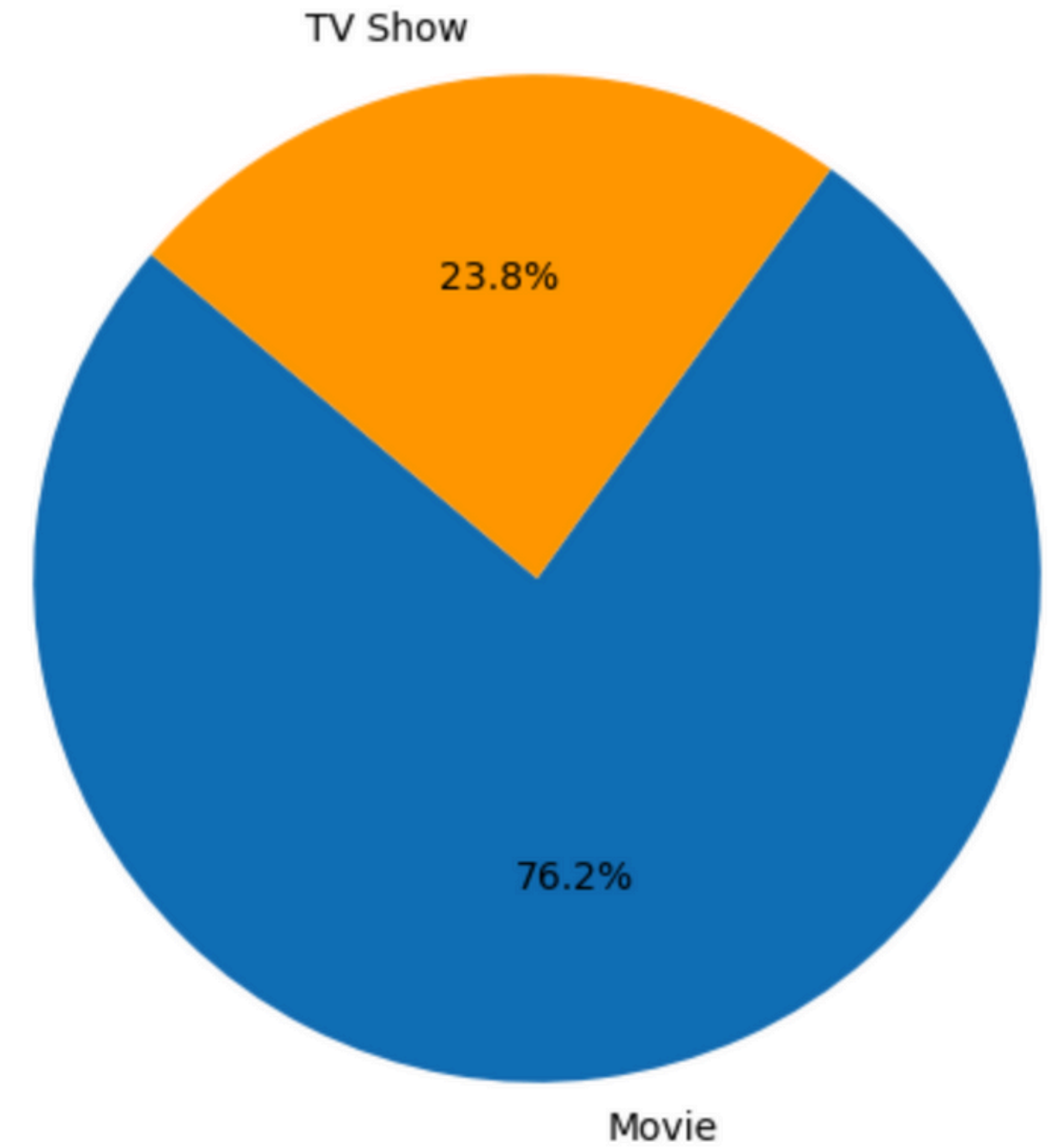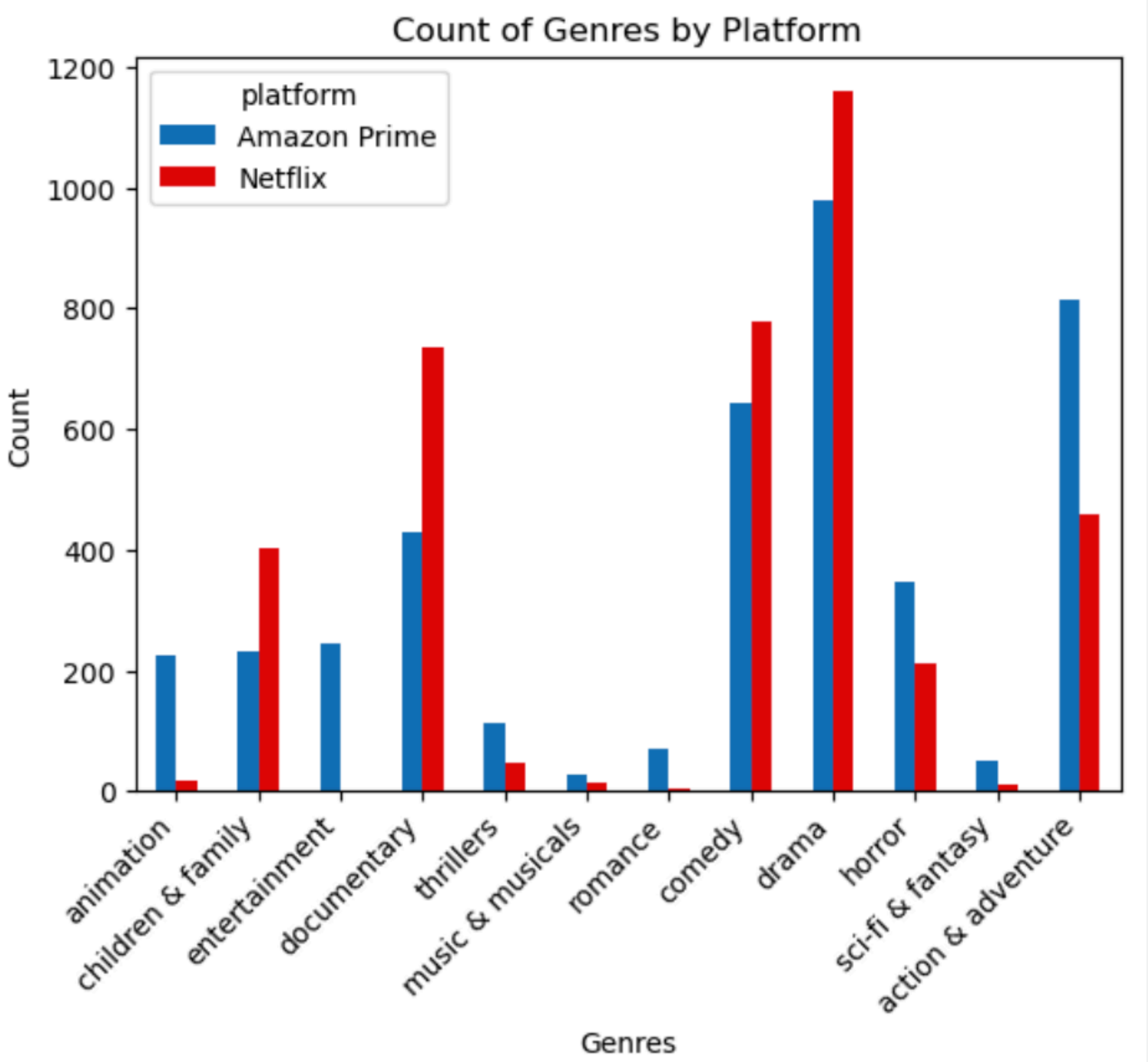
MAIN PLATFORMS AND IMDB.

WHAT I USED?

WEB SCRAPING → **API** → **DATASETS**

SPIDER WEB

API → **NOT ALL INFORMATION** → **WEB SCRAPING**

IMPORT MOVIES

STUDY API FUNCTIONS

FUNCTION TO GET ID

URL MISTAKE

FUNCTION TO GET INFORMATION

DATAFRAME

STUDY HTML

FIND THE INFO

SELENIUM → **API**

MAKE FUCTION

EXTRACT THE 250 MOVIES

DATASET

KAGGLE DATASETS

BASIC CLEANING

GENRE COLUMN → **DUMMY VARIABLES**

NEW COLUMN W/2

RENAME

FINAL DATAFRAME

TYPE

Netflix - Content type

TV Show

34.8%

65.2%

Movie

Amazon Prime - Content type

TV Show

23.8%

76.2%

Movie

GENRES

Count of Genres by Platform

DIRECTORS

Top 10 Directors

Number of Movies

Director

Cannis Holder, Arthur van Merwijk, Jay Chapman, Raúl Campos, Jan Suter, Brian Volk-Weiss, Marcus Raboy, Suhas Kadav, Jay Karas, John Asher, Fernando Ayllón

COUN TRIES

Top countries where movies are produced

Country	Count
United States	1479
India	670
United Kingdom	187
Canada	118
Spain	99
Nigeria	80
France	72
Mexico	62
Indonesia	60
Philippines	56

Count
Number of movies

"TOP MO VIES

title	year	rating
th Fail	2023	9.0
Dune: Parte dos	2024	8.7
Jai Bhim	2021	8.7
Interstellar	2014	8.7
Spider-Man: Cruzando el multiverso	2023	8.6
Parásitos	2019	8.5
Whiplash	2014	8.5
Cafarnaúm	2018	8.4
Vengadores: Infinity War	2018	8.4
Your Name	2016	8.4

"IMDB RESULTS
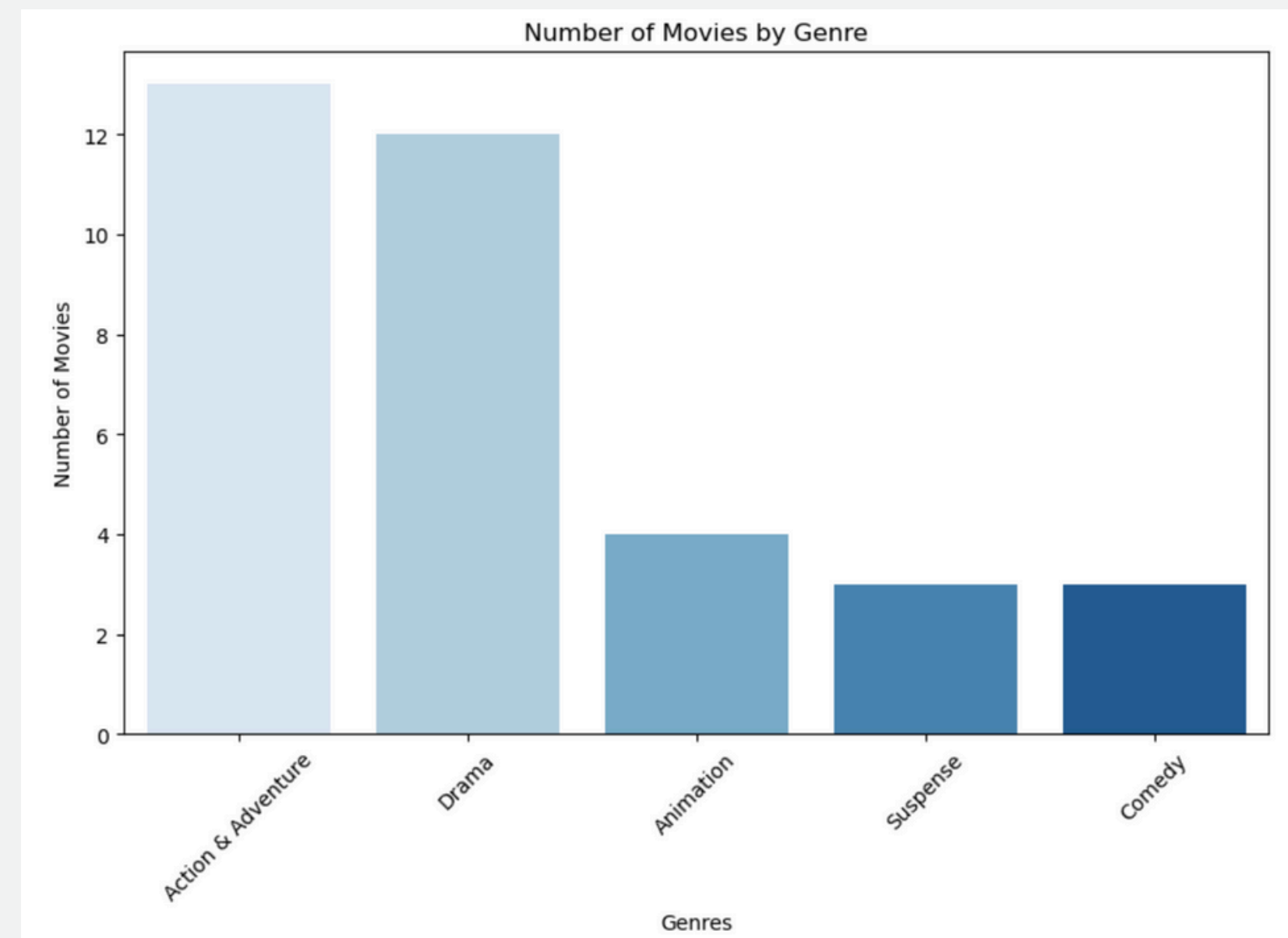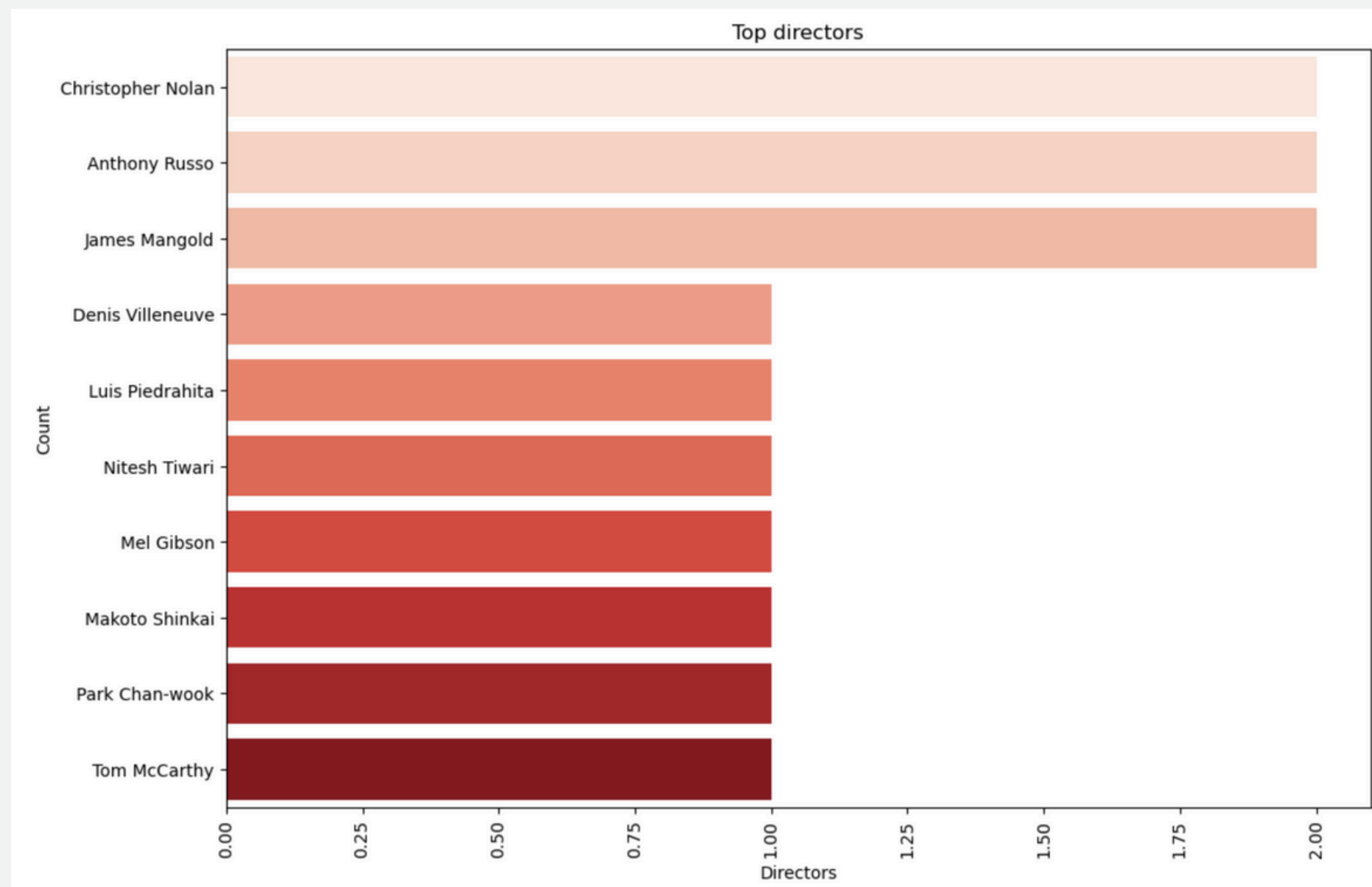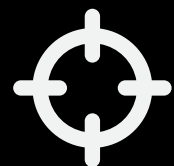
API
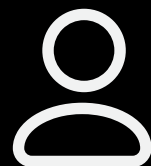
FUCTIONS

VISUALIZATION

MAIN PROBLEMS

THANK YOU

RORAIMA CHÁVEZ

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