

# A Filmmaker's Guide

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# Agenda

- Project Description
- Objective
- Goal
- Step by step project creation
- Project results
  1. Genres
  2. Language
  3. Director
  4. Actor
  5. Budget
- Recommendation



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# Project Description

This project involves a comprehensive analysis of the top 250 highest-rated films on IMDb to identify essential factors that contribute to a film's success. By examining a wide range of data from these films.



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# Objective

The objective of this project is to analyze and identify key factors that contribute to the success of films by examining data from the top 250 highest-rated films on IMDb



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# Goal

The goal of the project is uncovering patterns and insights that can guide filmmakers in their creative and business decisions, based on historical data extracted from top 250 highest-rated films on IMDb such as (genre, language, director, actor, budget)



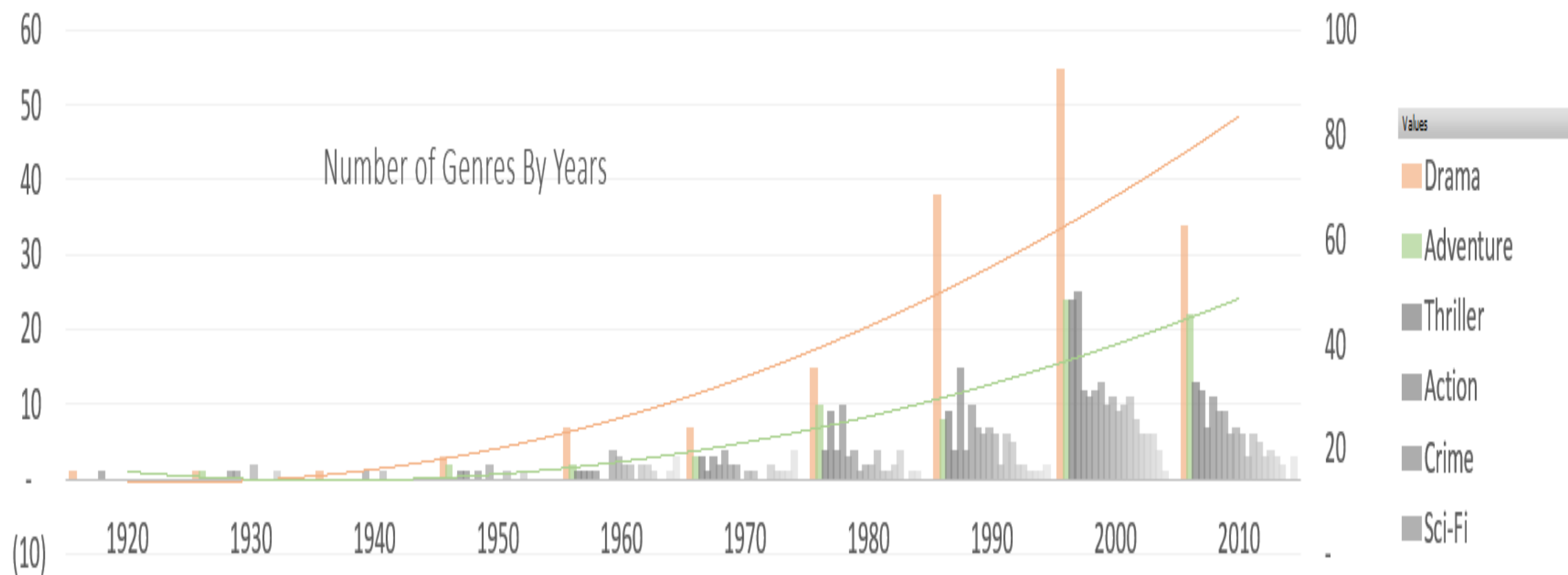
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# Step by step project creation

1. Obtain the data from IMDb
2. Cleaning the data.
  - Removing unwanted characters and Split consistent column.
3. Explore the data.
4. Preprocess the data.
  - Generate a calculated column (Contract, Profit, ROI, Budget Range).
  - Making binary mapping to used consistent column in the project.
5. Find the insights and visualize the result



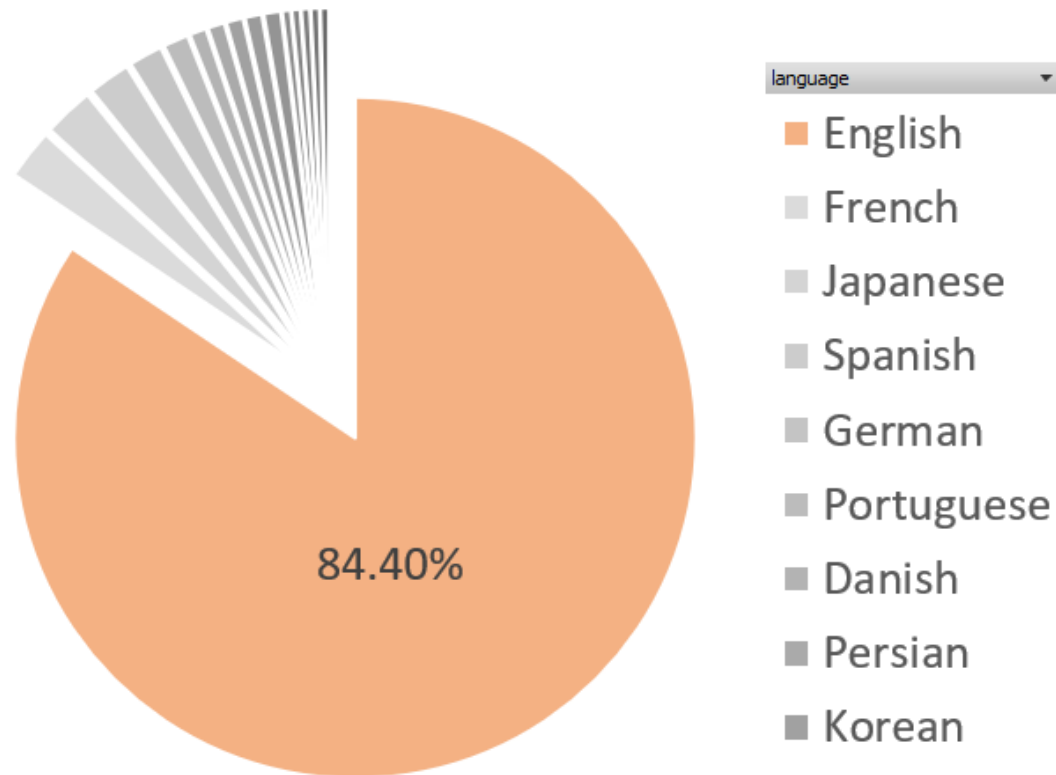
# 1. Select the genre of film



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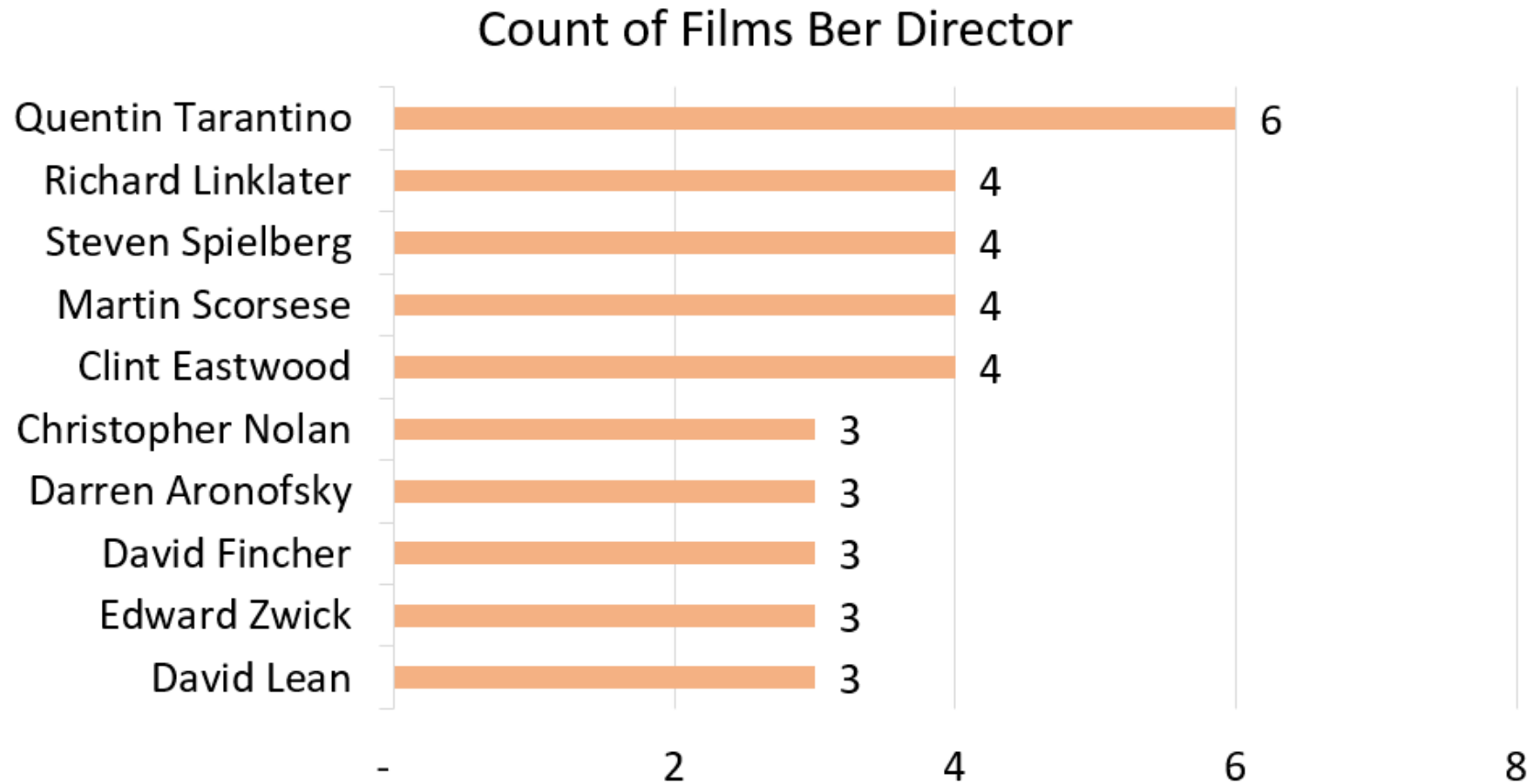
## 2. Select the language of film

Count of Films Ber Language

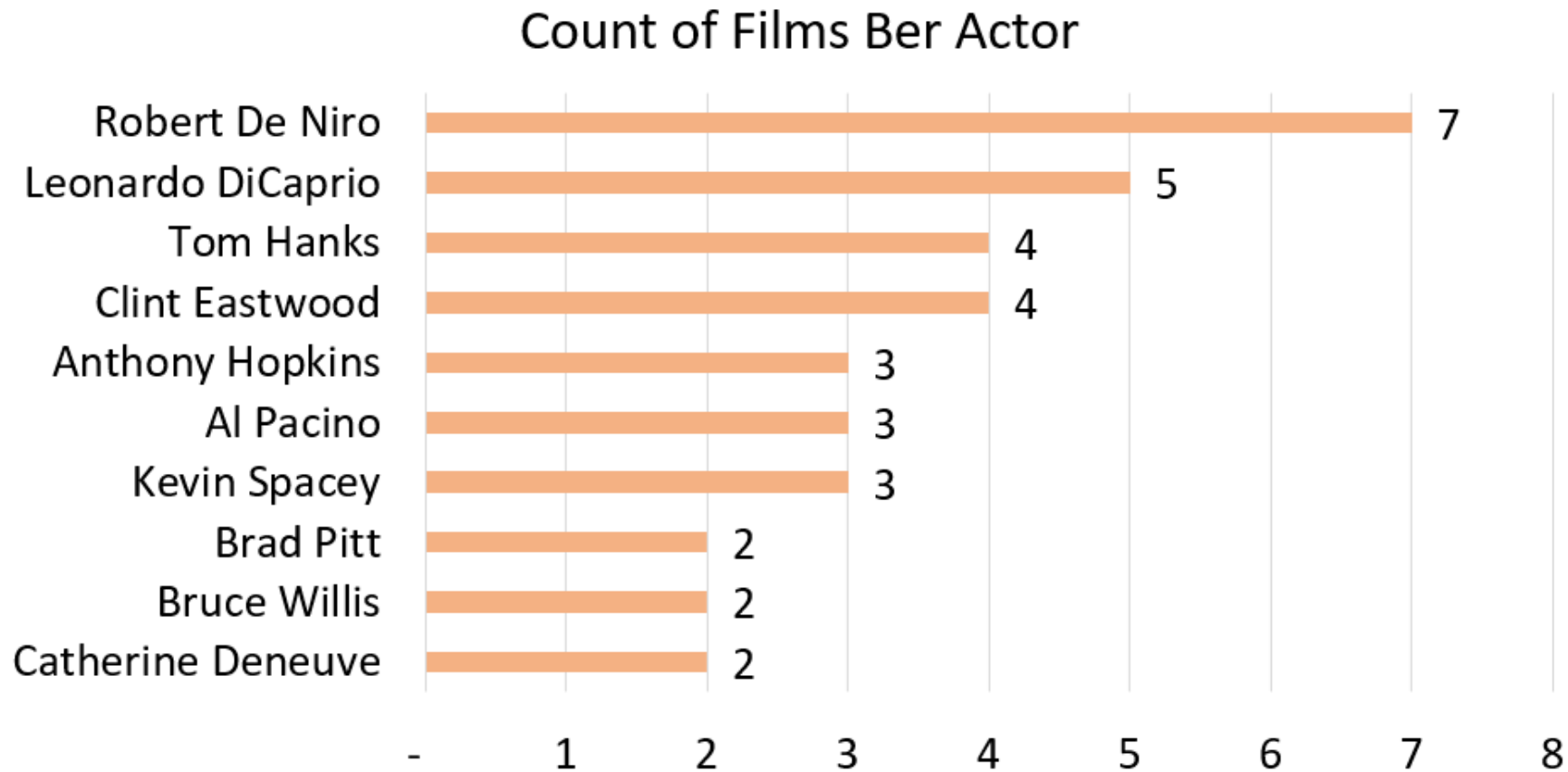




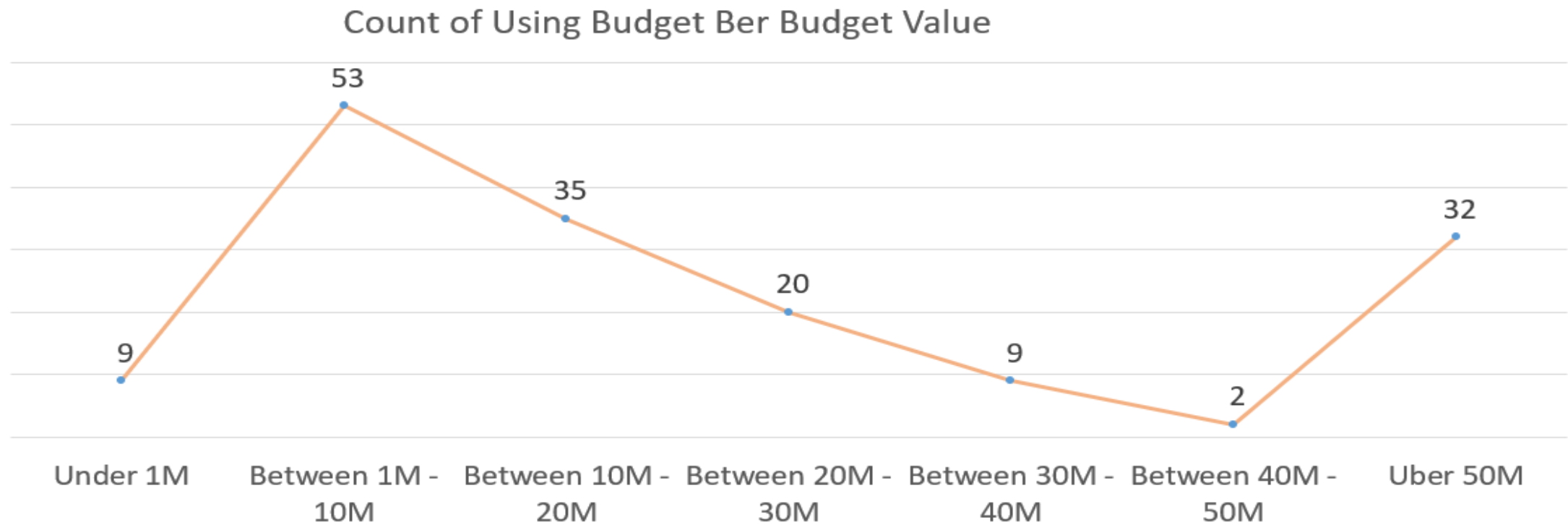
### 3. Select the director of film



## 4. Select the actor of film

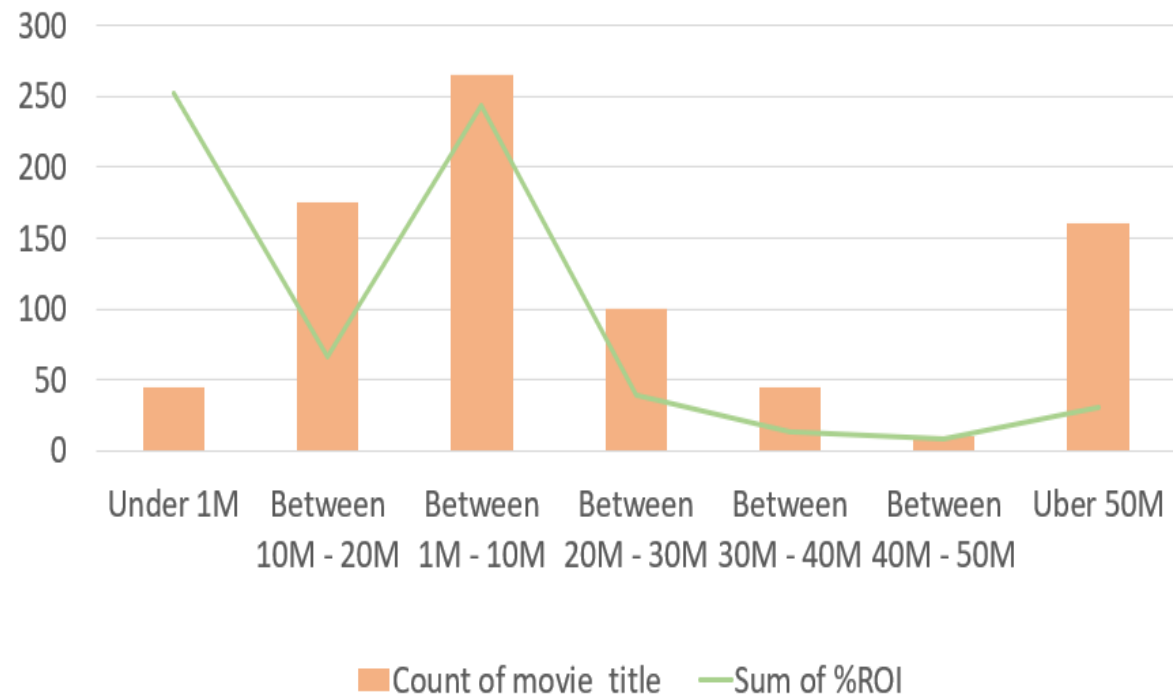


## 5. Select the budget of film

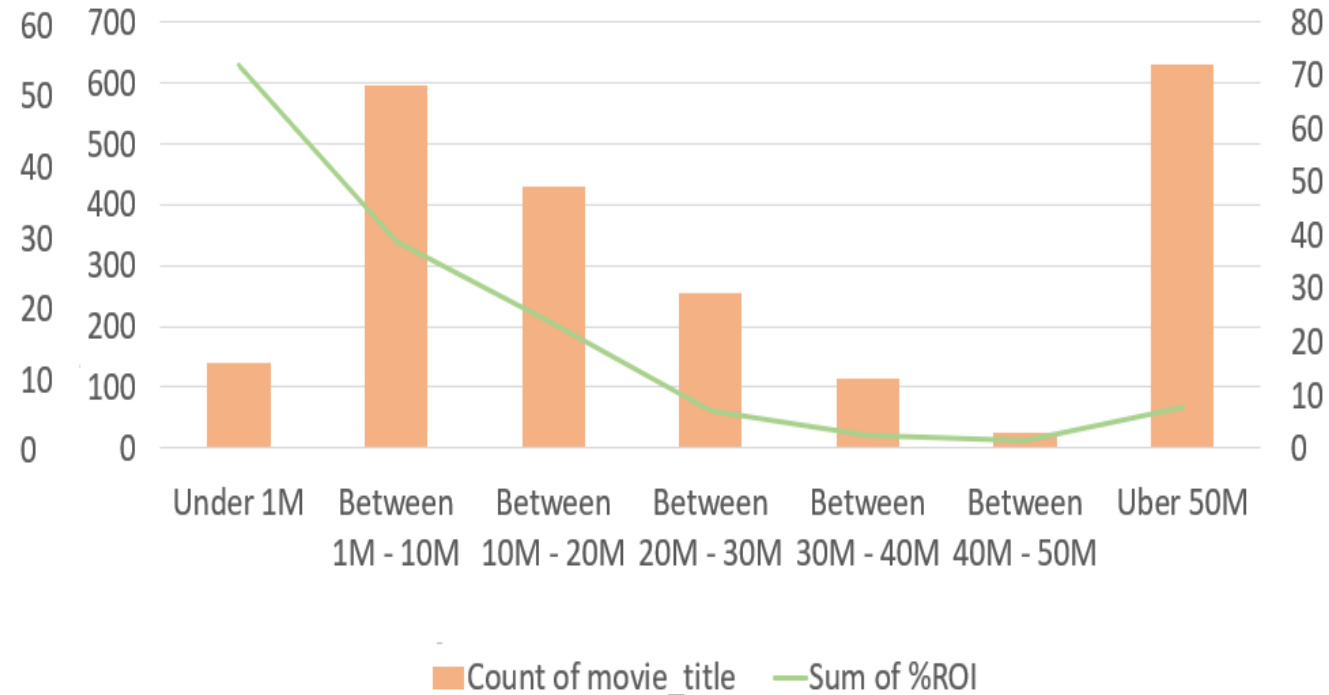


## 5. Select the budget of film

ROI By Budget Value and Count of Using in Drama



ROI By Budget Value and Count of Using in All Films



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# Recommendation

Recommendation depends on the data to achieve success

1. Choose the drama genre
2. Choose the English language
3. Choose "Quentin Tarantino" as director
4. Choose "Robert De Niro" or "Leonardo Dicapriois" as actor
5. Choose film budget between 1 million and 10 million



Thank you