

IMDB MOVIE

ANALYSIS

A DATA ANALYTICS PROJECT

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PROJECT OVERVIEW



For this project, we have got the dataset from IMDB and we will be finding out interesting facts and figures regarding numerous movie rankings, ratings, genres,

their directors etc. and will also be displaying our data through infographics.

Let's look at some pre-processing, methodology, etc. before getting into the project.

APPROACH

This project has several different cases where grouping is required so most of the times pivot tables help us in this and after that sorting was the one which was used in almost all the cases.



TECH-STACK

Because of the wide variety and support for formulas and functions, together with the speed and professionalism it offers us, we will use this tech stack throughout our project as required and convenient.



OUTCOMES

Our task:
Clean the data

Solution ->

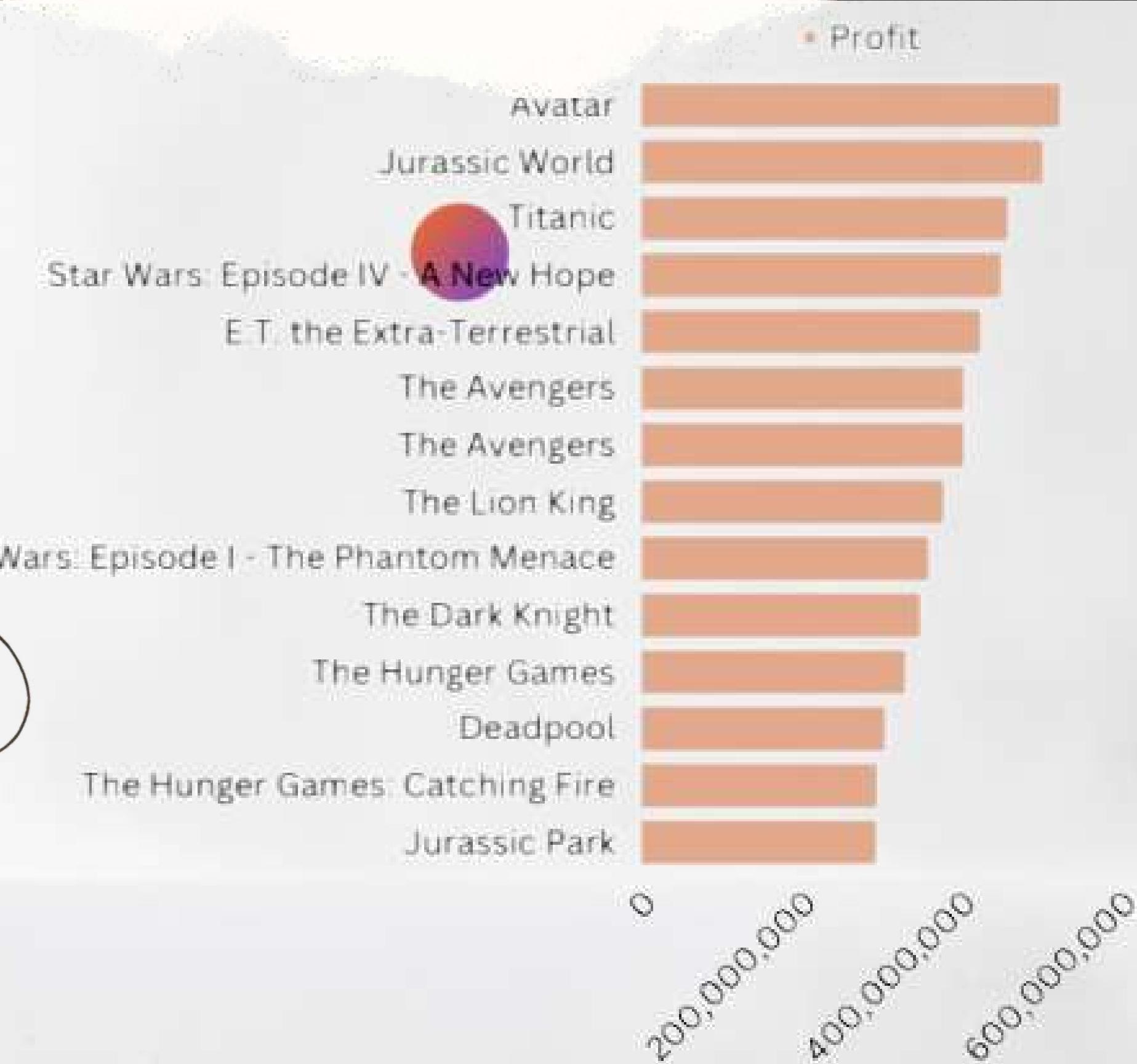
After cleaning the data we
have found the
following figures:

No. Rows before
cleaning: 5044

No. Rows after
cleaning: 3744



OUTCOMES



Movies with highest profit:

Our task: Find the movies with the highest profit.

Solution:

We have listed out the top 14 most profitable movies.

OUTCOMES

Our task:
Find IMDB Top 250

Solution ->

The links of the sheets for the outcomes of
this case is given below:

SHEET-1

https://docs.google.com/spreadsheets/d/1wLbjVSEkzSH9jFLLwtbT9EOpUX9fsU9M8BnJ43iKaqM/edit?usp=share_link

SHEET2

<https://docs.google.com/spreadsheets/d/1zklsn>

C5dI_NeST_N7VkY-

https://docs.google.com/spreadsheets/d/1O0QhRvXdoc8kE2KOuvc4k/edit?usp=share_link

OUTCOMES

Best Directors:

1. Francis Ford Coppola
3. Irvin Kershner
5. Akira Kurosawa
7. George Lucas
9. Sadyk Sher-Niyaz
2. Frank Darabont
4. Peter Jackson
6. Fernando Meirelles
8. Lana Wachowski
10. Robert Zemeckis



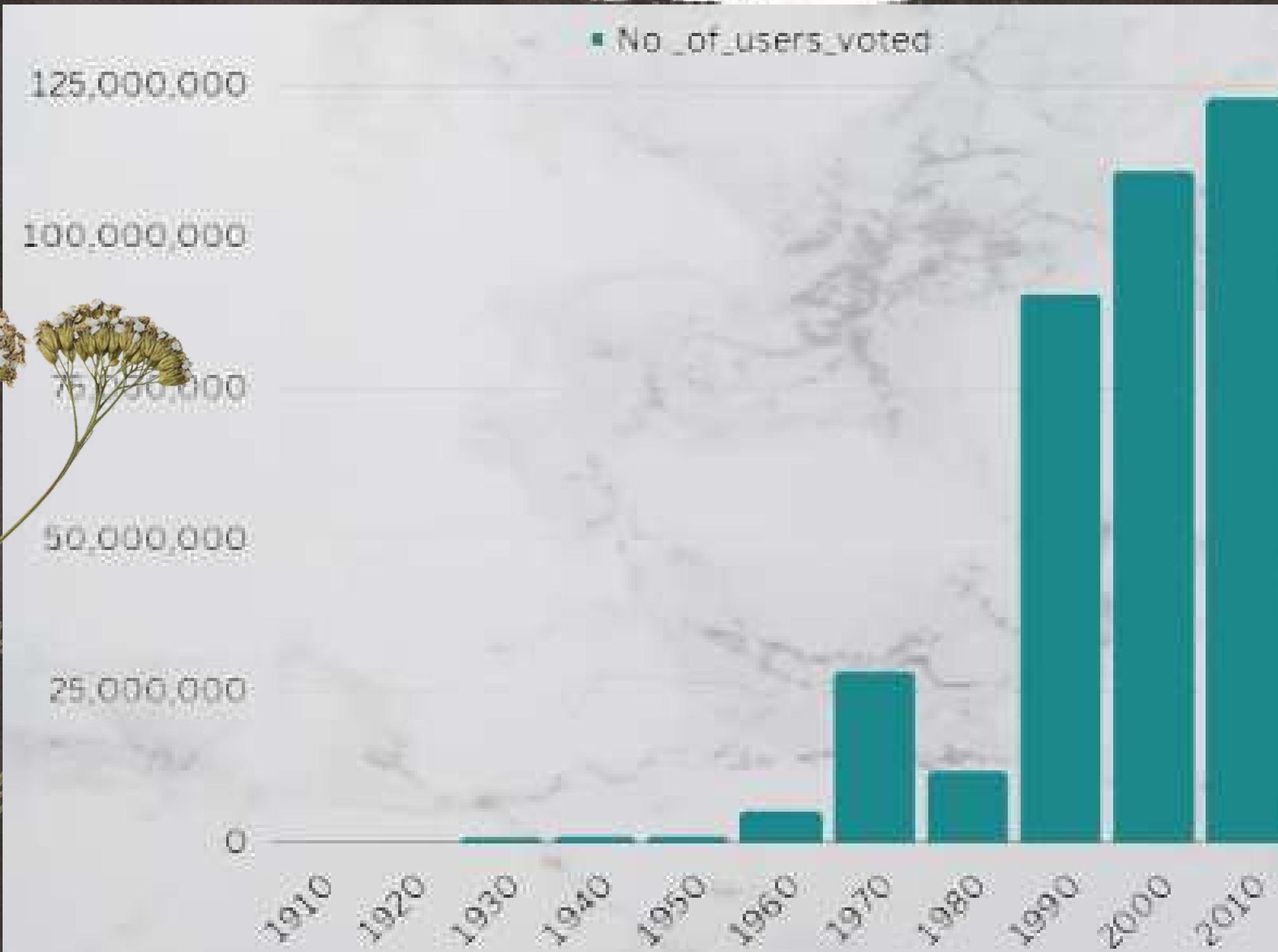
OUTCOMES

Popular Genres:

1. Drama
2. Crime | Drama
3. Crime | Drama | Mystery | Thriller
4. Action | Adventure | Sci-Fi
5. Crime | Drama | Thriller



NUMBER OF USERS VOTED OVER DECADES



RESULTS

Let's wrap up this project with some key takeways.

Insights

The project was more statistical and less observational

Parameters

Parameters/tools which played a major role in this project were: COUNT/COUNTIFS, Pivot

Table, Average etc.

Learnings

Helped in getting the importance of statistics in data analytics and to know the underlying trends of the real world things as well

THANK YOU

