

IMDB Movie Analysis

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Project Description

In this project we are required to access the data from IMDB and generate insights on the questions asked by the team. The process is:

1. What's Happening
2. Filter the data
3. Identifying the problem
4. Generate the insights



APPORACH

"Gaining insight into the dataset by utilizing Excel and comprehending its contents."

Tech-Stack Used

Accessing the dataset using Excel and understanding what's happening in it.

Insights

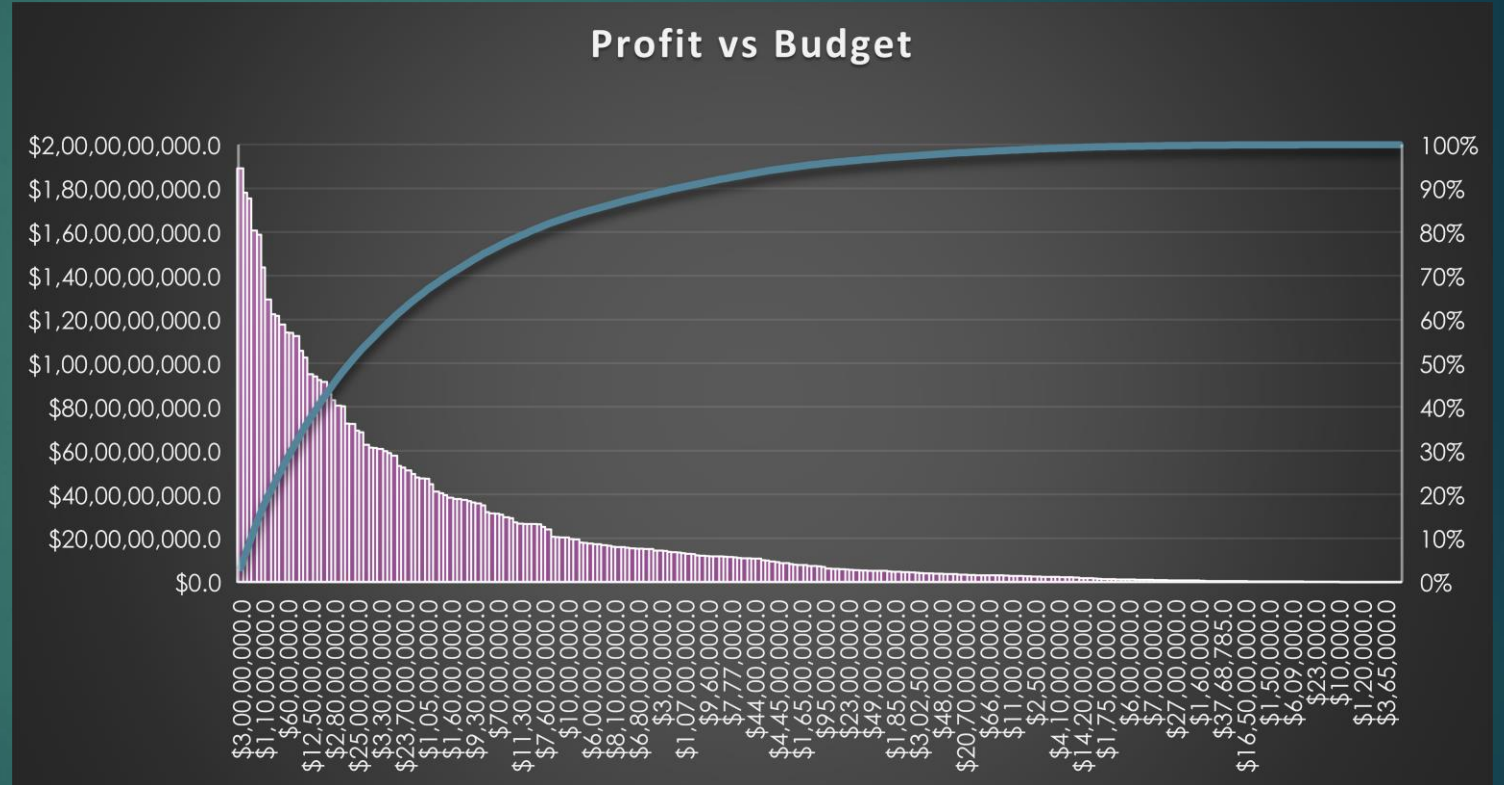
- ❖ Clean the data
- ❖ For cleaning first we remove duplicate values which was 45 values and 4998 unique values remains
- ❖ Blank spaces or null values clears
- ❖ Remove extra space
- ❖ Delete color column which does not provide any values related to dataset.

Insights

Movies with Highest Profit:-

Find the movies with the highest profit?

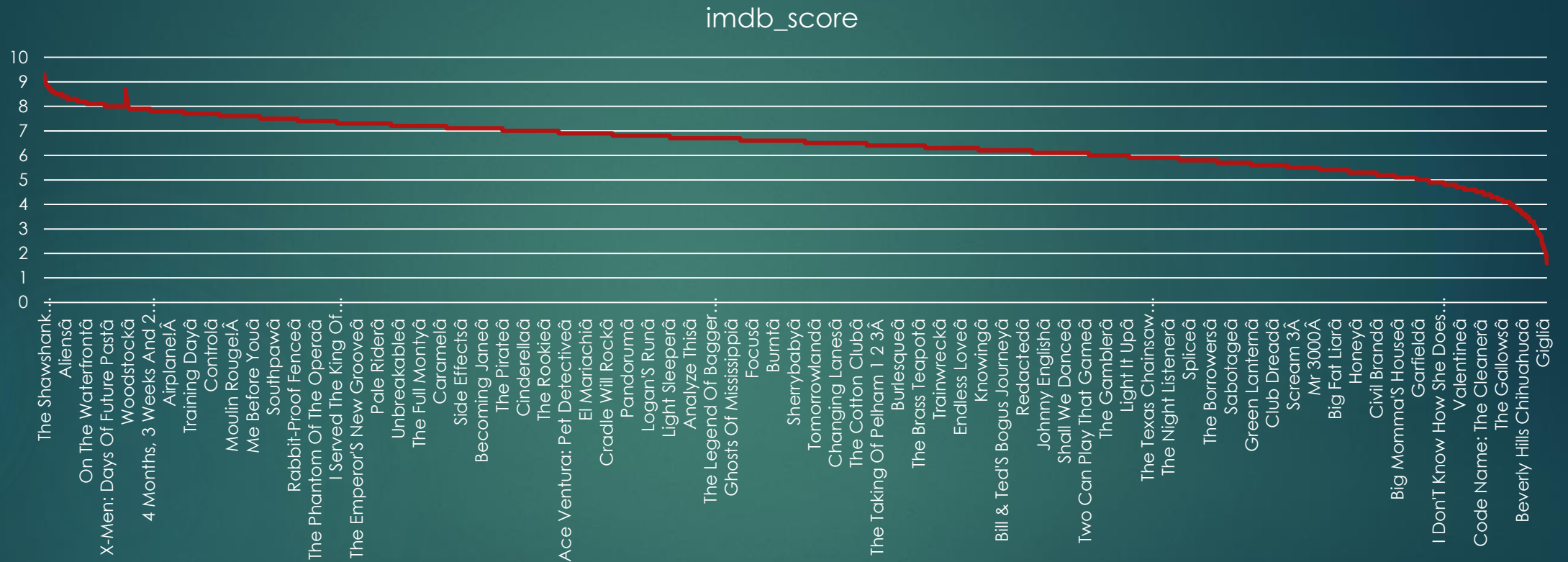
movie_title	gross	budget	Profit
Avatar	760505847	237000000	523505847



As per the charts, Avatar has the highest profit among all the movies of **\$523,505,847**

Insights

Find IMDB Top 250

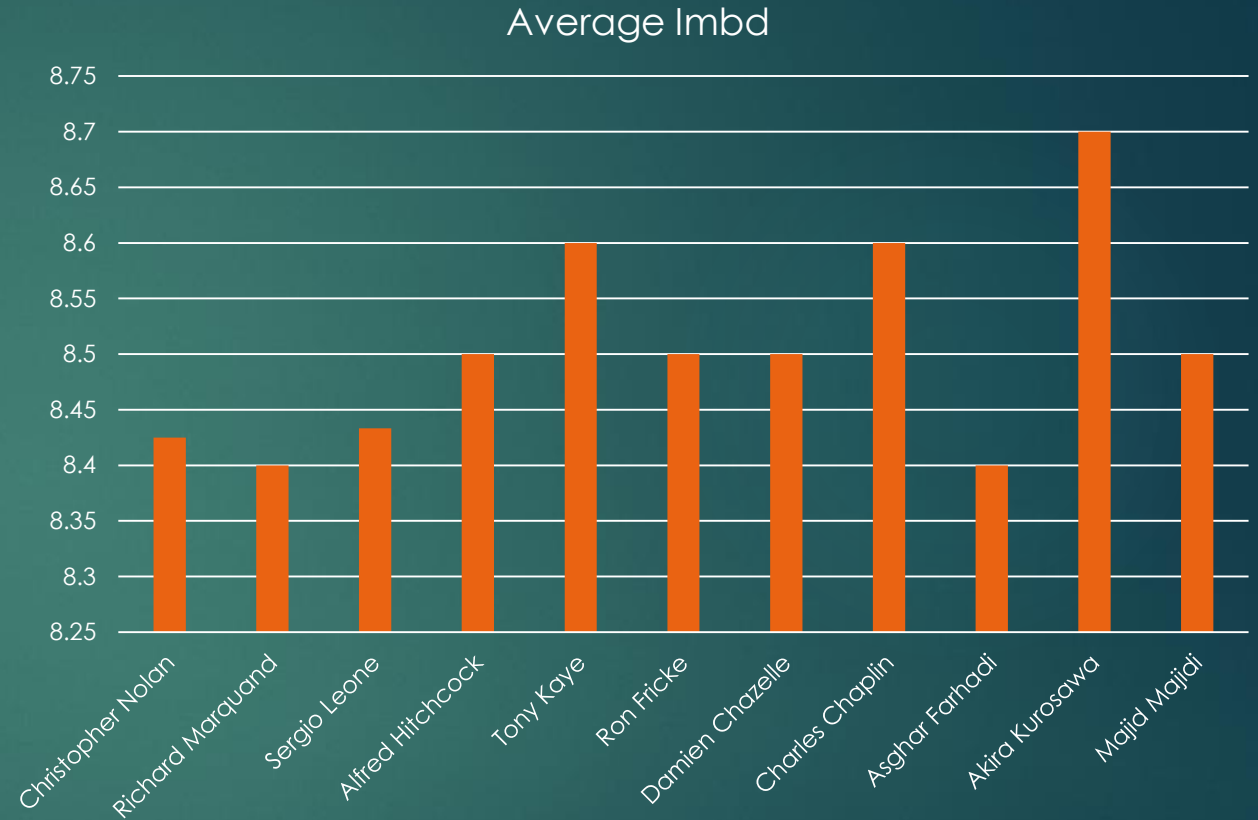


As per the chart Top 250, Number 1 score is Avatar and last 250 is Fantastic four

Insights

Find the Best Top 10 director w.r.t imbd rating

Director_Name	Average Imbd
Christopher Nolan	8.425
Richard Marquand	8.4
Sergio Leone	8.433333
Alfred Hitchcock	8.5
Tony Kaye	8.6
Ron Fricke	8.5
Damien Chazelle	8.5
Charles Chaplin	8.6
Asghar Farhadi	8.4
Akira Kurosawa	8.7
Majid Majidi	8.5

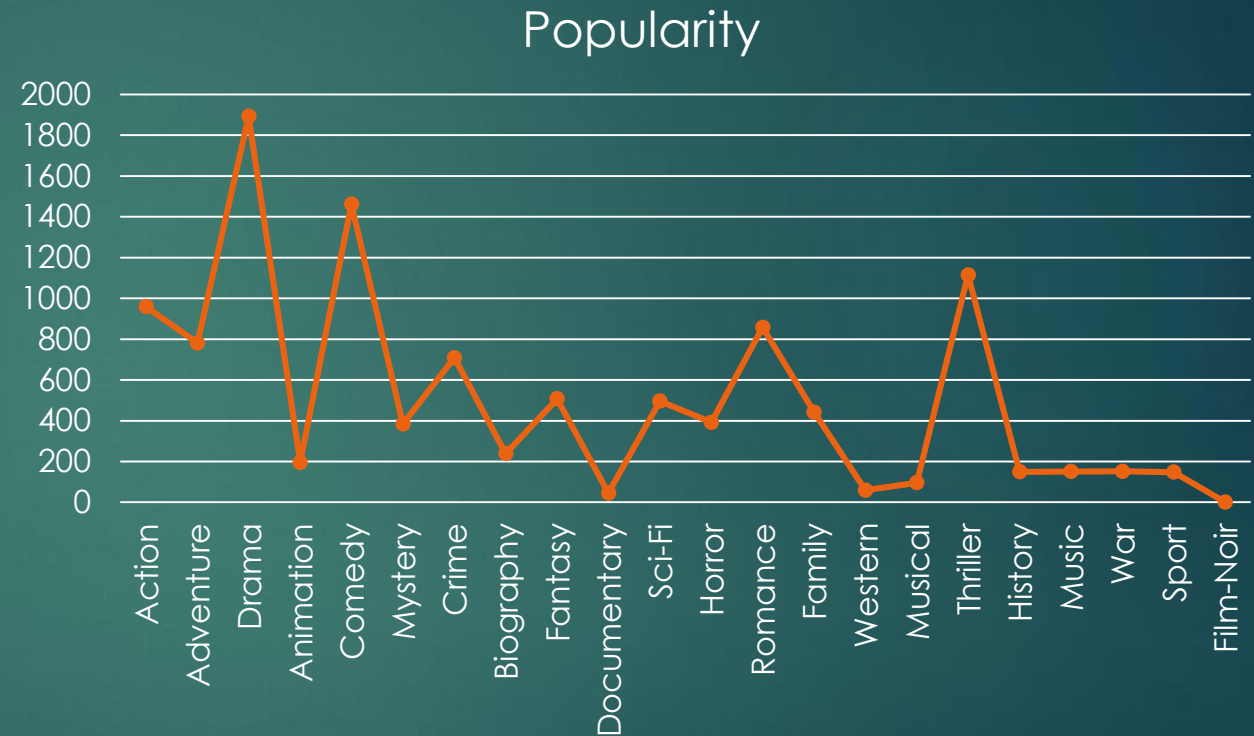


According to the insights, top 1st Director is Akira Kurosawa

Insights

► Find popular genres

Name of the movie	Popularity
Action	959
Adventure	781
Drama	1893
Animation	196
Comedy	1461
Mystery	384
Crime	709
Biography	239
Fantasy	507
Documentary	45
Sci-Fi	496
Horror	392
Romance	858
Family	442
Western	59
Musical	96
Thriller	1115
History	149
Music	151
War	152
Sport	148
Film-Noir	1

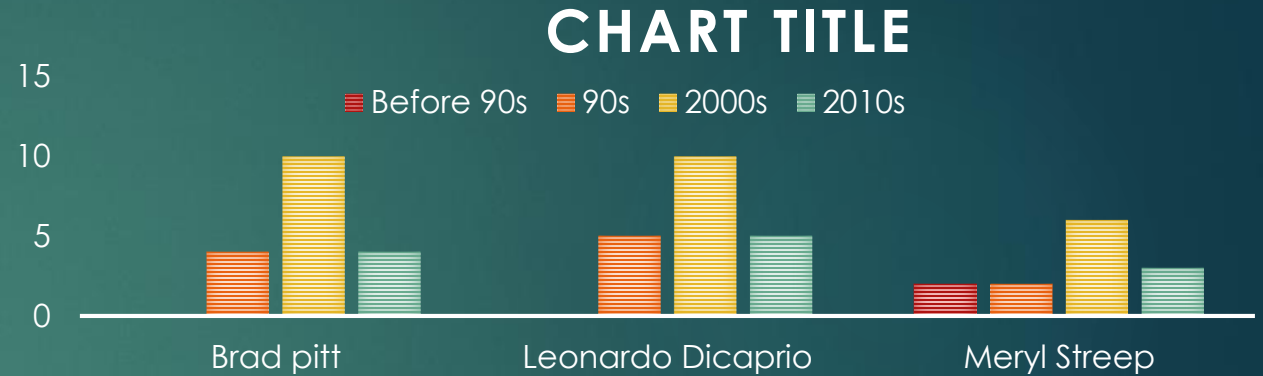


“As per the given chart, Popular Genres is drama.”

Insights

► Finding Critic favourites and User favourites:

Year	before 90s	90s	2000s	2010s
Brad Pitt	0	4	10	4
Leonardo DiCaprio	0	5	10	5
Meryl Streep	2	2	6	3



- According to the Critic Reviews, **Leonardo DiCaprio** is the most favourite actor for critics
- According to the User Reviews, **Brad Pitt** is the most favourite actor for Users

User Reviews

Result

The team asked for these specific insights and results, and we learned the significance of data filtering and how to create more comprehensive insights for the mentioned issue through this project.

Excel Link:

https://docs.google.com/spreadsheets/d/1zQTNaPMiJgfXQrowL3jLHFKQ0U4nQD_J/edit?usp=sharing&oid=108433007974397532023&rtpof=true&sd=true

Thank You

These are the required insights and the result which were asked by the team. From this project we learnt the need of data filtration and how to generate deeper insights for a problem mentioned...