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MOVIE DATA ANALYSIS

Report

Course Name & Code:

Data Visualization (INTB233)

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Declaration:

I, Arge GangaPrasad, 12109898, solemnly declare that the Movie Data Analysis Report presented here in is the result of my own work and research. All analyses, findings, and conclusions contained within this report are based on authentic data and have been conducted in accordance with ethical research practices.

I further declare that all external sources referenced in this report have been duly acknowledged and credited. Any quotations, data, or ideas derived from these sources have been appropriately cited in accordance with the prescribed referencing style.

I take full responsibility for the accuracy and integrity of the information presented in this report. Any errors or omissions are entirely unintentional and do not detract from the overall validity of the analysis.

I understand the importance of academic honesty and integrity, and I affirm that this report has not been submitted, in whole or in part, for any academic or professional purpose elsewhere.

Date: 20-04-2024

Registration No.:12109898

Signature :

Arge Ganga Prasad

Acknowledgement:

I would like to express my heartfelt gratitude to MetaMovie Data for generously providing the dataset used in this analysis. Without their invaluable contribution, this research would not have been feasible.

I also extend my appreciation to the Tableau software and Kaggle datasets for given great data of datasets and graphs by I this did the Dashboard in very reasonable way and almost I covered all data analysis about Movie Data.

Thank you to all involved for their crucial contributions to this project.

[Your Name]

Signature: Arge GangaPrasad.

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Introduction:

Tableau is a powerful tool used for data analysis and visualization. It allows the creation of amazing and interactive visualization and that too without coding. Tableau is very famous as it can take in data and produce the required Data Visualisation output in a very short time. Basically, it can elevate your data into insights that can be used to drive your action in the future.

Movies have long been a significant aspect of human culture, serving as a source of entertainment, education, and artistic expression. From the silent films of the late 19th century to the blockbuster hits of today, the film industry has evolved immensely, reflecting societal changes, technological advancements, and cultural trends.

Movie analysis entails the systematic examination of various elements within films, ranging from narrative structure and character development to visual aesthetics and socio-cultural contexts. By dissecting and interpreting these components, analysts can uncover deeper insights into the themes, messages, and impact of movies on audiences.

In recent years, advancements in technology have facilitated the collection and analysis of vast amounts of data related to the movie industry. From box office revenues and audience demographics to critical reviews and social media sentiments, there is a wealth of information available for researchers and analysts to explore.

This introduction sets the stage for delving into the fascinating world of movie analysis. Throughout this study, we will examine different facets of the film industry, employing various analytical techniques to gain a comprehensive understanding of how movies are made, received, and consumed in today's dynamic landscape. Through rigorous analysis and interpretation, we aim to uncover patterns, trends, and insights that shed light on the intricate workings of this captivating art form.

Objectives or Scope of the Analysis:

1. To know about Count of Movies and Average Duration.
2. To know about Movies by Duration and Gross Revenue.
3. To know about Total Budget of the Movies.
4. To know about Number of Movies by year.
5. To know about Genre by Revenue.
6. To know about Actor and Gross.

Source of dataset:

Movie datasets can be sourced from platforms like IMDb, The Movie Database (TMDb), Kaggle, and Box Office Mojo. These datasets offer comprehensive information on movie titles, ratings, box office revenues, and more. Additionally, some government agencies and organizations provide datasets related to film production and distribution. However, it's crucial to review usage terms and copyright restrictions associated with each dataset before utilization.

Analysis on Datasets :

Introduction:

The movie industry encompasses various aspects of filmmaking, production, distribution, and exhibition. It is a dynamic and influential sector that produces a wide range of content, including feature films, documentaries, and animated movies. From Hollywood blockbusters to independent films, the movie industry caters to diverse audiences worldwide, shaping cultural trends and societal norms. With advancements in technology and digital platforms, the movie industry continues to evolve, presenting new opportunities and challenges for filmmakers, studios, and audiences alike.

General Description:

Movies, also known as films or motion pictures, are a form of visual storytelling that combine elements of narrative, performance, and audiovisual effects. They typically involve the projection of images onto a screen, accompanied by synchronized sound, to create a cinematic experience for viewers. Movies can vary greatly in genre, style, and content, ranging from action-packed blockbusters and heartwarming dramas to thought-provoking documentaries and experimental avant-garde films. They serve as a medium for entertainment, education, cultural expression, and artistic exploration, reflecting the diverse perspectives and experiences of filmmakers and audiences worldwide. The movie industry encompasses a broad ecosystem of professionals, including directors, actors, producers, cinematographers, editors, and visual effects artists, who collaborate to bring stories to life on the silver screen.

Specific Requirements:

- A. Datasets
- B. Images
- C. Details of Movie and Gross.
- D. Details of Average Duration of Movies.
- E. Details of Total Gross of Actor.

Functions:

Using filter functions to show all seasons.

Formulas:

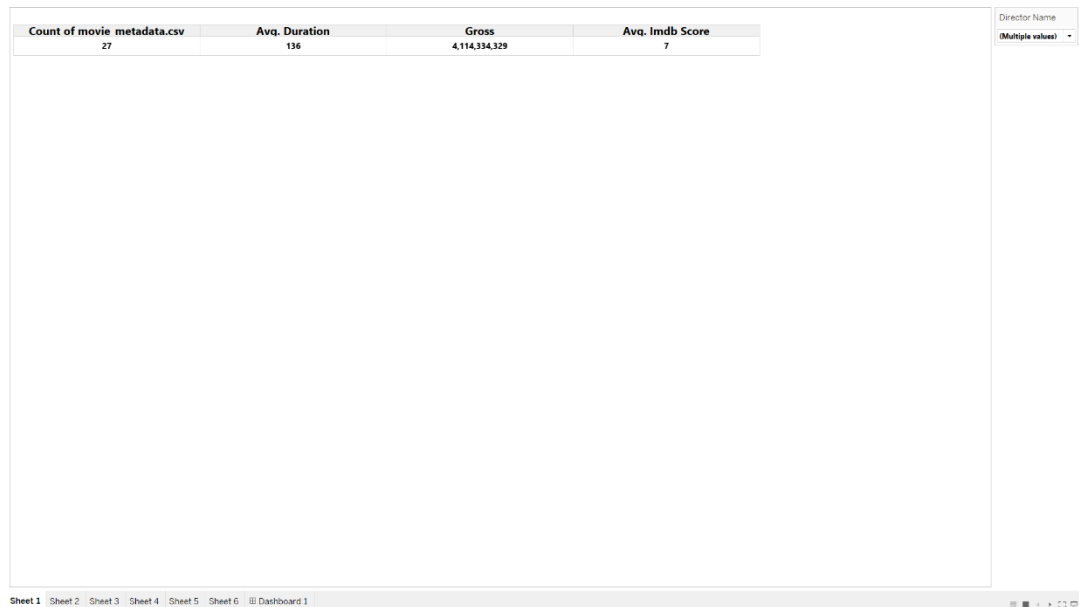
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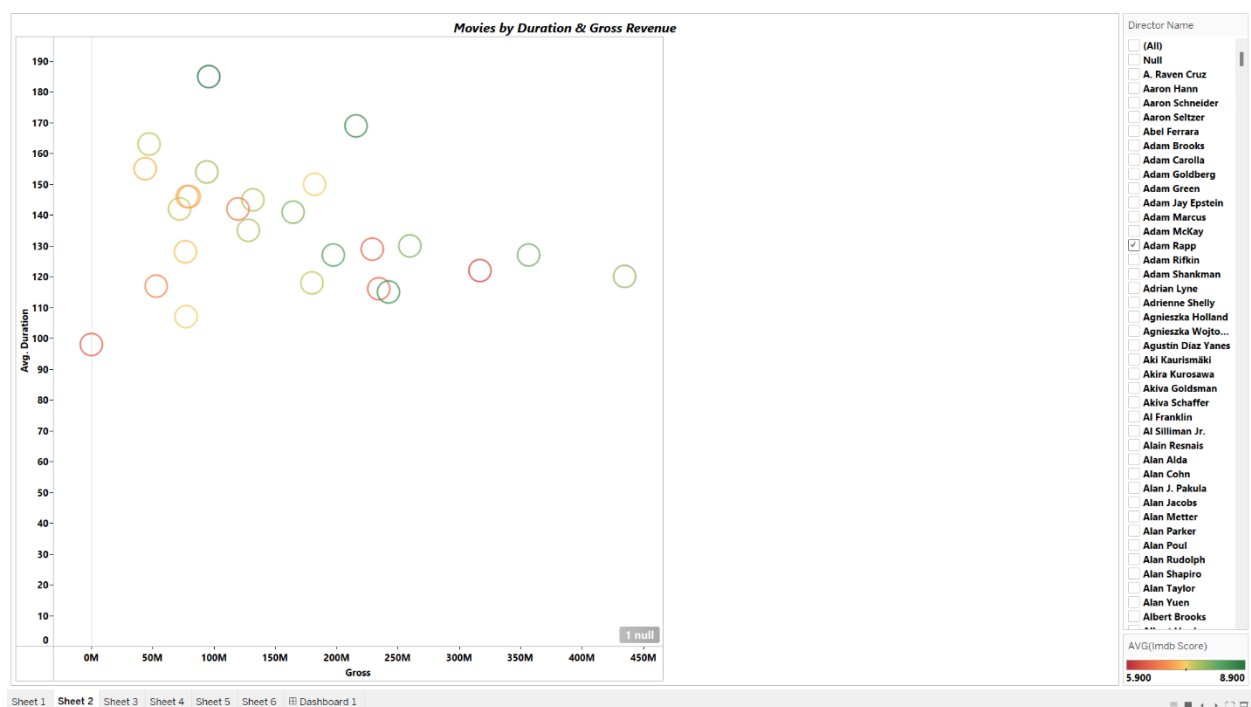
Analysis Results:

Screenshots:

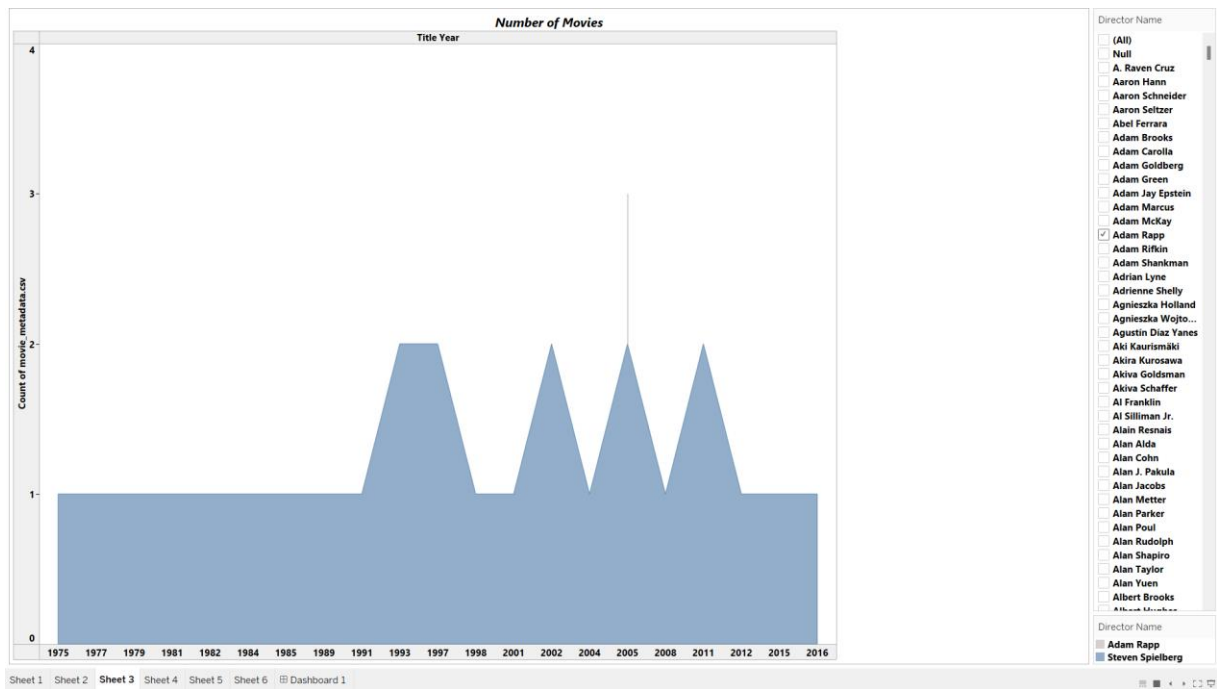
- Number of Movies and Average Duration.



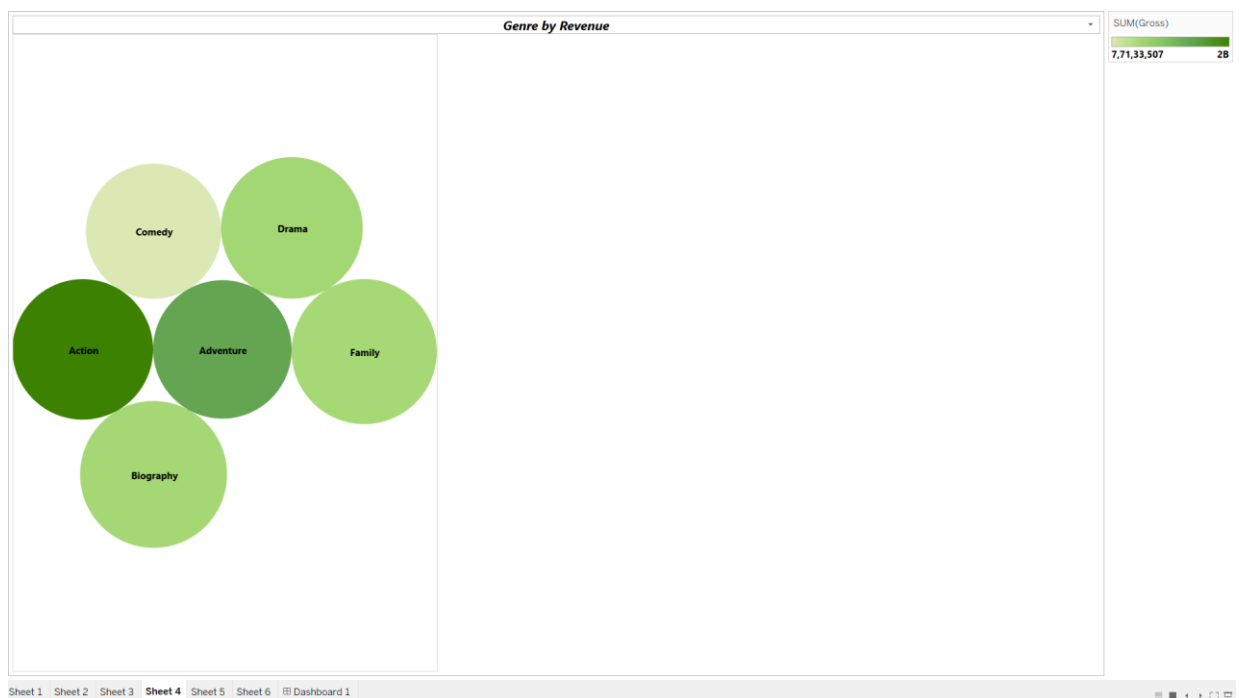
- Movies by Duration and Gross Revenue



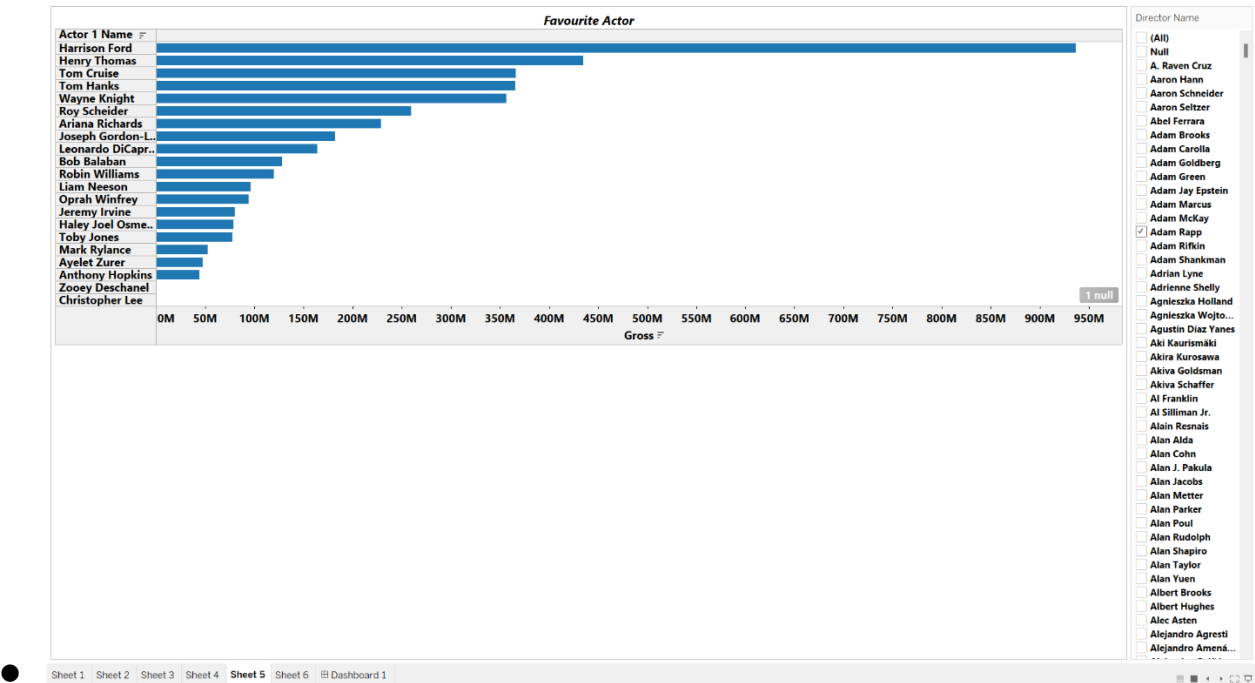
- Number of Movies by the Year.



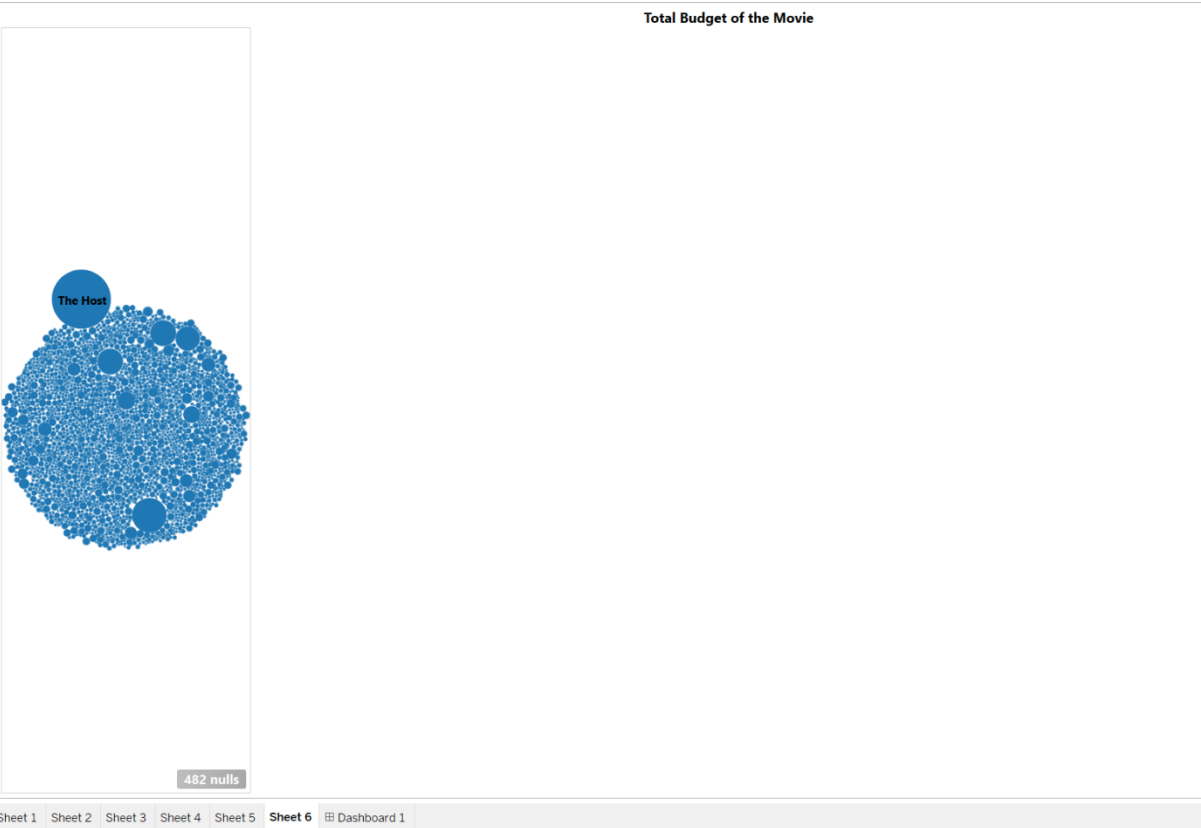
- Genre by Revenue



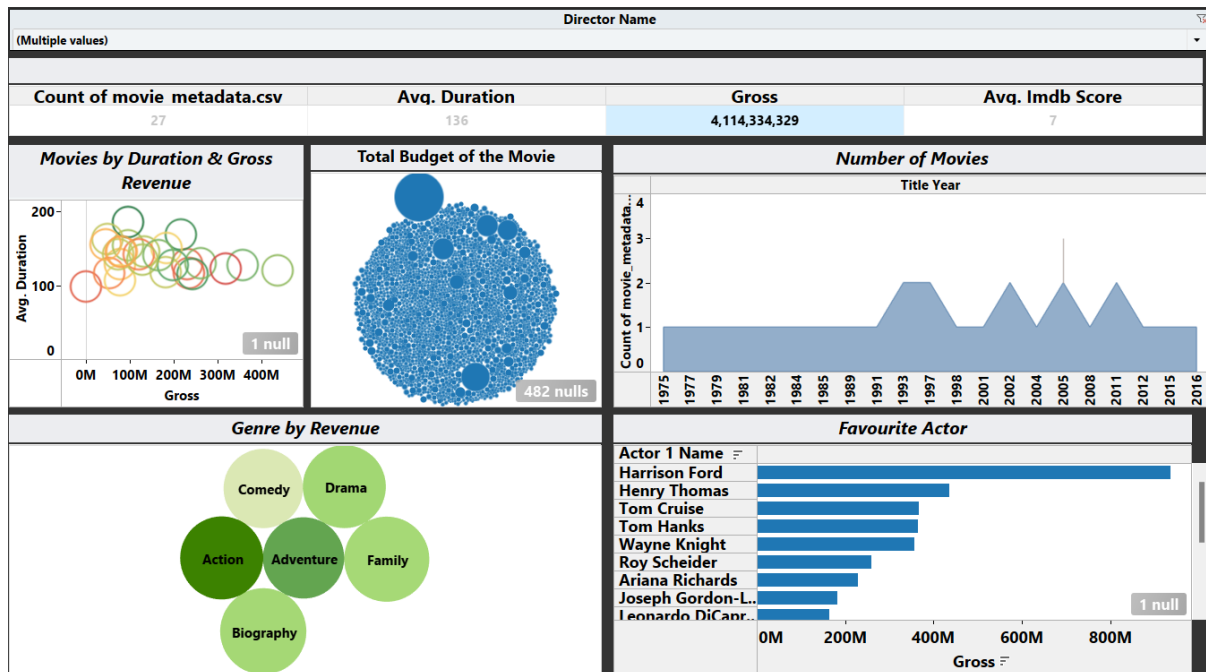
- Actor by Gross



- Total Budget of the Movies



- Dashboard of the Movies Analysis.



References:

<https://www.kaggle.com/datasets/patrickb1912/ipl-complete-dataset-20082020>

Bibliography or Conclusion:

Movies are not just entertainment; they are a reflection of society, culture, and human experience. Through the art of filmmaking, stories are brought to life on the silver screen, captivating audiences and evoking emotions. From the early days of silent films to the modern era of digital cinema, movies have evolved and adapted to changing technologies and societal norms. Despite the challenges faced by the industry, including piracy and changing viewing habits, movies continue to thrive as a form of artistic expression and cultural discourse. As we look to the future, the power of movies to inspire, entertain, and educate remains undiminished, ensuring their enduring significance in our lives.

**THANK
YOU!**
