

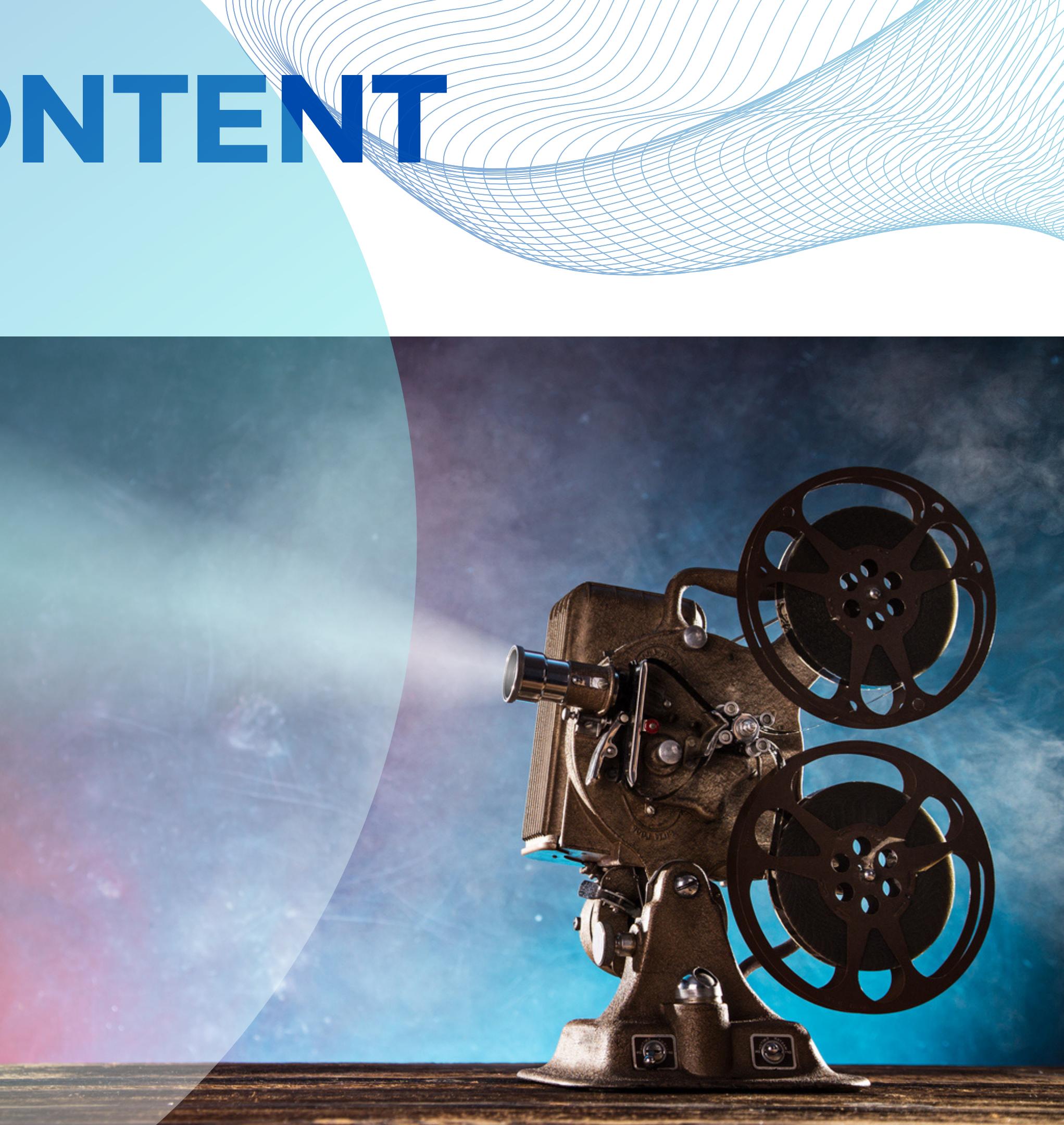
Powered By Jobaaj Learnings

MOVIE RATINGS ANALYSIS

By SURAJ BELOSHE

TABLE OF CONTENT

- Problem & background
- Solution
- Methodology & Project scope
- Goals & KPIs
- Concepts Used
- Conclusion



PROBLEM & BACKGROUND

- Analyze a dataset of 15,000+ movies reviewed by Rotten Tomatoes.
- Explore the relationship between Tomatometer ratings and audience ratings.
- Identify key factors that contribute to movie success based on the dataset.
- Provide insights and recommendations for stakeholders in the movie industry.
- Help filmmakers and studios make informed decisions to produce successful movies.

SOLUTION

- Conduct comprehensive analysis of dataset to uncover patterns and trends related to movie ratings, genres, studios, and release dates.
- Provide actionable recommendations to filmmakers, studios, and critics based on the analysis.
- Utilize visualizations, statistical summaries, and comparisons between Tomatometer ratings and audience ratings to identify discrepancies.
- Present findings through charts, graphs, and tables showcasing the distribution of ratings, genre popularity, studio performance, and release date trends.
- Help stakeholders in the movie industry make informed decisions to enhance movie success and audience reception.

METHODOLOGY & PROJECT SCOPE

Step 1: Data Acquisition - Collect the dataset containing ratings and reviews for 15,000+ movies from Rotten Tomatoes.

Step 2: Data Cleaning - Preprocess the dataset by removing duplicates, handling missing values, and formatting inconsistencies.

Step 3: Exploratory Data Analysis - Perform statistical analysis and visualizations to uncover insights about ratings distribution, genre popularity, studio performance, and release date trends.

Step 4: Tomatometer vs. Audience Ratings - Compare Tomatometer ratings and audience ratings to identify any discrepancies and analyze the potential reasons behind them.

Step 5: Prepare Dynamic Dashboard which will help to get visual reports for the question asked by the Business

GOALS & KPI'S

Goal :

- Find distribution of films look like by rating? by primary genre
- TomatoMeter Rating in %
- Trend of Movie Release
- Tomatometer ratings by Studio

KPI :

- Creating Dynamic Dashboard to check distribution
- Use Pie Chart
- Creating Dyanmic Dashboard to check trend over year and highest month
- By Assuming Date of Theater release are movies and rest are Serials

CONCEPTS USED

We are using Microsoft Excel 365 for this analysis so following concept we will be use.

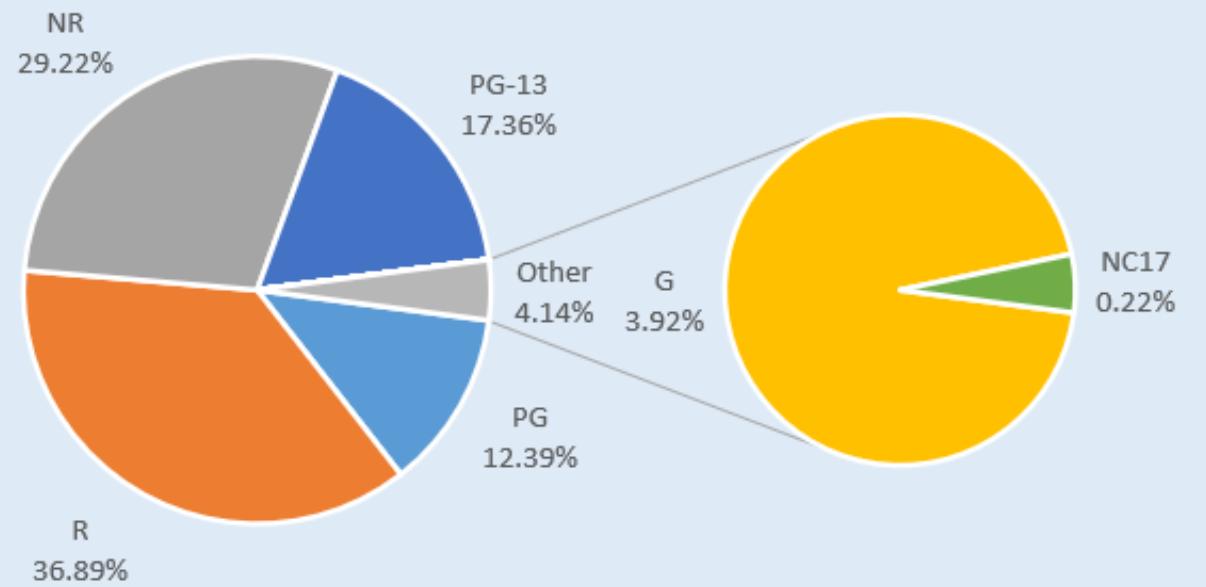
- Advance Filter
- Pivot Table
- TAKE, UNIQUE,
- Charts
- Radio and Scroll Buttons
- Table



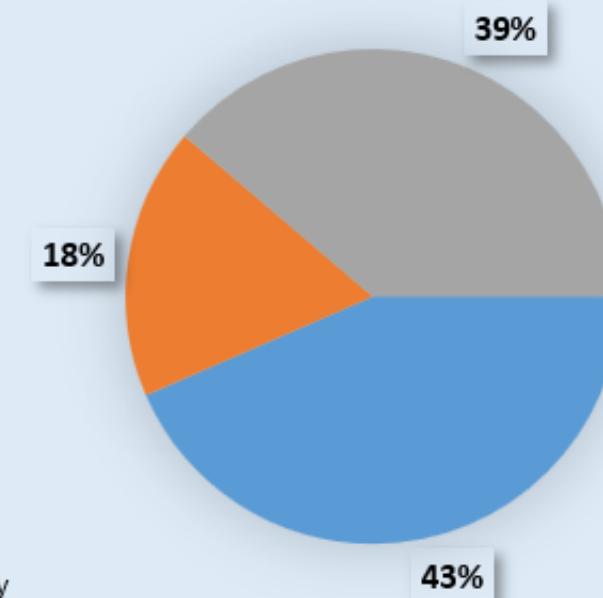
CONCLUSION

Movies Rating Review Dashboard

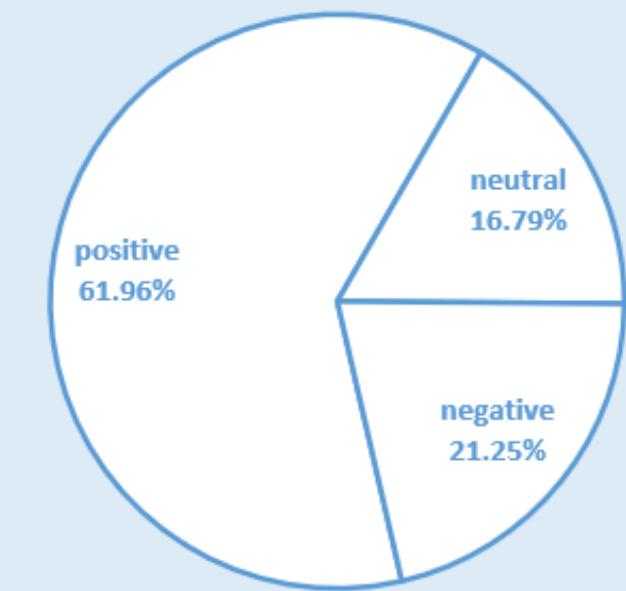
Distribution of films by rating



Tomatometer_status



CRITIC'S CONSENSUS RATING

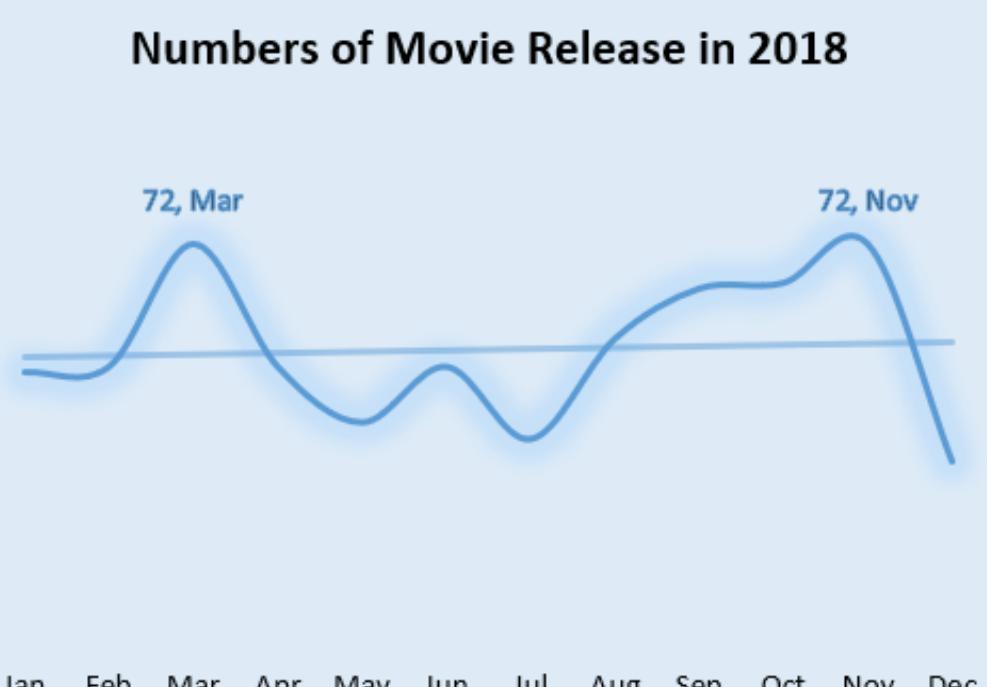


(●) Distribution of films by rating (○) Distribution of films by primary

Top

| studio_name | Average of tomatometer r_rating | Count of tomatometer _rating |
|-----------------------------|---------------------------------------|------------------------------------|
| Netflix | 100 | 57 |
| Criterion Collection | 100 | 41 |
| MGM Home Entertainment | 100 | 32 |
| MGM | 100 | 24 |
| WARNER BROTHERS PICTURES | 100 | 22 |
| Paramount Pictures | 100 | 18 |
| United Artists | 100 | 17 |
| Columbia Pictures | 100 | 16 |
| Warner Home Video | 100 | 16 |
| Sony Pictures Entertainment | 100 | 14 |

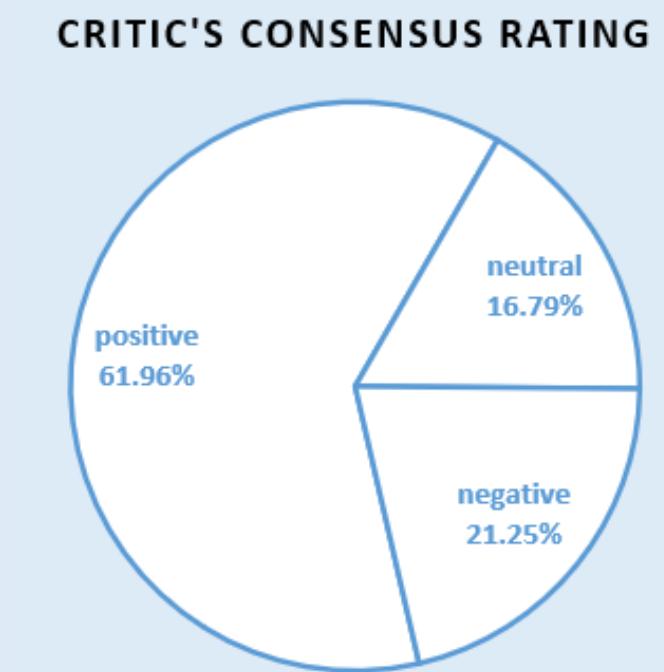
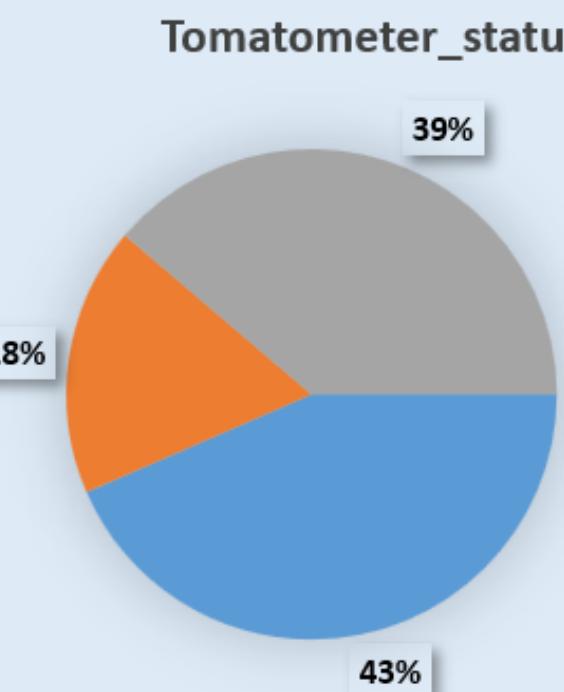
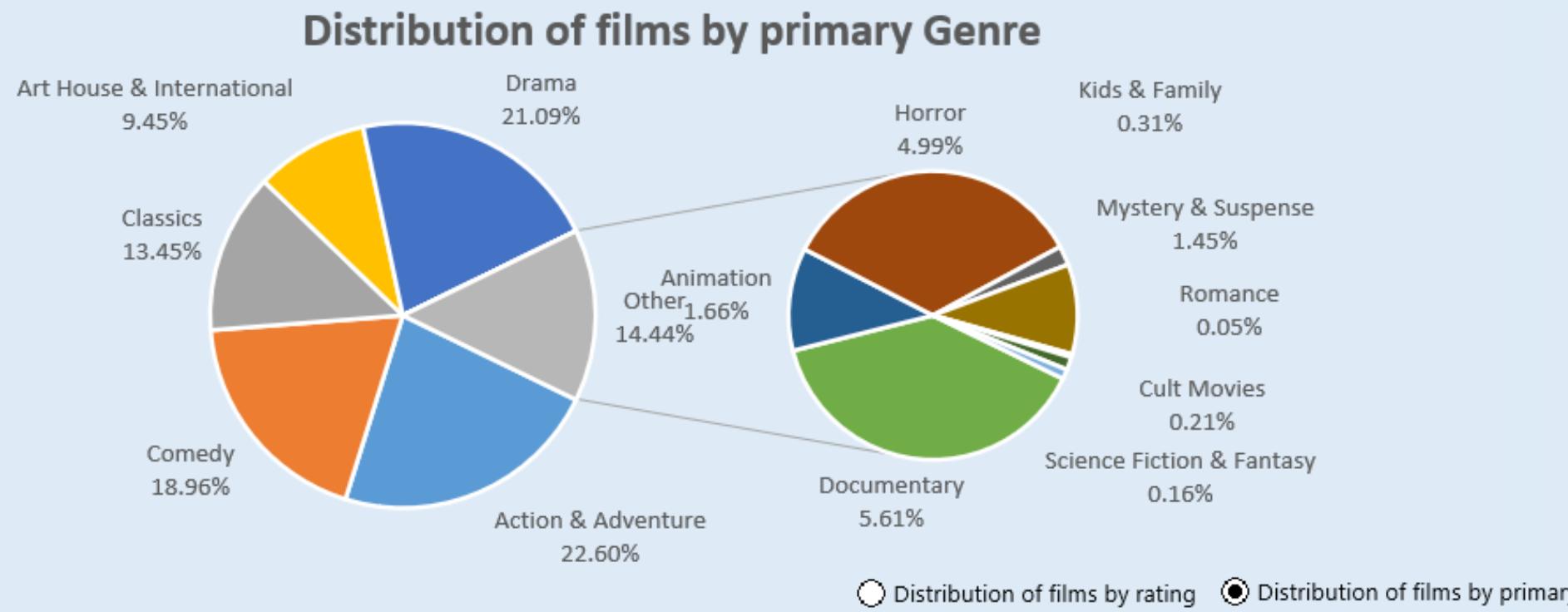
Numbers of Movie Release in 2018



| movie_title | in_theaters _date | tomatomet er_rating | audience_ rating | largest discrepancies |
|-------------------------------------|----------------------|------------------------|---------------------|--------------------------|
| 96 Souls | 26-05-2017 | 0 | 95 | 95 |
| Hating Breitbart | 17-05-2012 | 0 | 92 | 92 |
| Is That a Gun in Your Pocket? | 16-09-2016 | 0 | 92 | 92 |
| The After Party | 24-08-2018 | 0 | 89 | 89 |
| Outside the Law | 01-03-2001 | 86 | 0 | 86 |
| Home | 04-02-2011 | 0 | 86 | 86 |
| Fall | 20-06-1997 | 0 | 84 | 84 |
| Everybody Knows... Elizabeth Murray | 11-01-2017 | 100 | 17 | 83 |
| Knock Down the House | 01-05-2019 | 100 | 17 | 83 |
| Sparkle | 07-04-1976 | 10 | 91 | 81 |

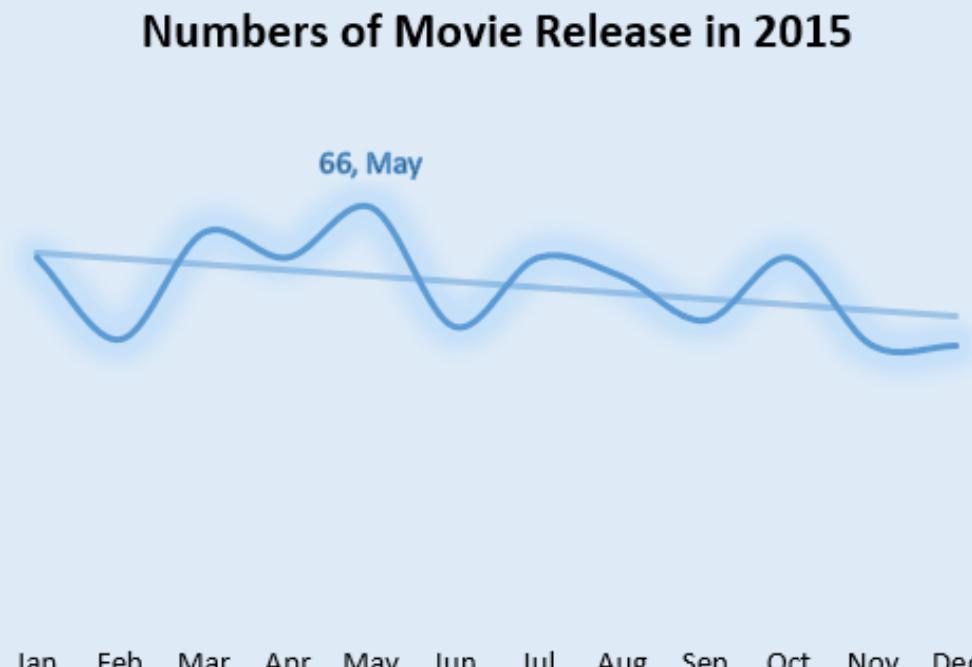
CONCLUSION

Movies Rating Review Dashboard



Bottom

| studio_name | Average of tomatometer r_rating | Count of tomatometer _rating |
|----------------------------------|---------------------------------------|------------------------------------|
| Sony Pictures Home Entertainment | 0 | 17 |
| Warner Home Video | 0 | 14 |
| Trimark | 0 | 13 |
| Lionsgate | 0 | 13 |
| Miramax | 0 | 9 |
| Vertical Entertainment | 0 | 7 |
| Netflix | 0 | 7 |
| MGM | 0 | 6 |
| Paramount Pictures | 0 | 5 |
| Arc Entertainment | 0 | 5 |



▲ ▼

| movie_title | in_theaters _date | tomatometer_rating | audience_rating | largest discrepancies |
|-------------------------------------|-------------------|--------------------|-----------------|-----------------------|
| 96 Souls | 26-05-2017 | 0 | 95 | 95 |
| Hating Breitbart | 17-05-2012 | 0 | 92 | 92 |
| Is That a Gun in Your Pocket? | 16-09-2016 | 0 | 92 | 92 |
| The After Party | 24-08-2018 | 0 | 89 | 89 |
| Outside the Law | 01-03-2001 | 86 | 0 | 86 |
| Home | 04-02-2011 | 0 | 86 | 86 |
| Fall | 20-06-1997 | 0 | 84 | 84 |
| Everybody Knows... Elizabeth Murray | 11-01-2017 | 100 | 17 | 83 |
| Knock Down the House | 01-05-2019 | 100 | 17 | 83 |
| Sparkle | 07-04-1976 | 10 | 91 | 81 |

THANK YOU

Project Owner

Name: Suraj Dattaram Beloshe

Date: Jun 22nd, 2023

