**Analysis of Movie Ratings**

Ratings and reviews for 15,000+ movies reviewed by Rotten Tomatoes. Each record includes film details (title, description, rating, genre, directors, cast, release date, studio, runtime, etc.), as well as featured reviews, "Tomato meter" status, and audience ratings.

Rotten Tomatoes is an American review-aggregation website for film and television. The company was launched in August 1998 by three undergraduate students at the University of California, Berkeley: Senh Duong, Patrick Y. Lee, and Stephen Wang.

Resources:

Rating Details - [https://atlascinemas.net/ratings.html](https://atlascinemas.net/ratings.html#:~:text=Children%20under%206%20years%20of,(UR)%20are%20often%20used)

**Dataset Link:**

<https://www.kaggle.com/datasets/shivavashishtha/movies-data>

**Recommended Analysis**

1. What does the distribution of films look like by rating? My primary genre? (hint: use the first genre listed)

|  |  |
| --- | --- |
| **Row Labels** | **Count of genre** |
| Comedy | 21.30% |
| Drama | 21.12% |
| Action & Adventure | 20.17% |
| Art House & International | 11.77% |
| Documentary | 9.52% |
| Classics | 6.41% |
| Horror | 5.16% |
| Animation | 2.07% |
| Mystery & Suspense | 1.57% |

1. Explore new film releases over time. How has the volume of releases by month trended over time? What year/month were the newest films released?

|  |  |
| --- | --- |
| **Row Labels** | **Count of movie\_title** |
| (blank) | 2 |
| Jan | 1426 |
| Feb | 1364 |
| Mar | 1468 |
| Apr | 1313 |
| May | 1396 |
| Jun | 1403 |
| Jul | 1219 |
| Aug | 1529 |
| Sep | 1480 |
| Oct | 1505 |
| Nov | 1345 |
| Dec | 1188 |
| **Grand Total** | **16638** |

1. **Compare average Tomato meter ratings by Studio. Which studios produce the highest-rated films, on average? The lowest?**

|  |  |
| --- | --- |
| Black Sand Productions | 1 |
| Disney/Marvel | 1 |
| Black Sheep Film Productions | 1 |
| 1091 | 1 |
| Black/Bernstein Productions | 1 |
| Paramount Pictures | 497 |
| Warner Bros. Pictures | 492 |
| Universal Pictures | 469 |
| 20th Century Fox | 414 |
| IFC Films | 398 |
| Sony Pictures Home Entertainment | 379 |

1. **Compare the Tomato meter ratings against audience ratings. Which films showed the largest discrepancies between audiences and critics?**

Everybody Knows... Elizabeth Murray

Knock Down the House

This two films showed the largest discrepancies between audiences and critics.

### Methodology & Project scope Used:

A step-by-step process to how you plan on reaching your project goal.

* Count and average
* Sorting
* VLookup

### Concepts Used

* **Concept 1: Pivot Table**
* **Concept 2: Bar Graph**
* **Concept 3: Pie Chart**

### Conclusion

Maximum Film release in year 2001 whereas maximum film release according to month its August. It’s mostly Comedy, Drama, Action & Adventure based movies.

1)Everybody Knows... Elizabeth Murray

2)Knock Down the House

This two films showed the largest discrepancies between audiences and critics.

### Project owner

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