

Dashboard Creation

'Top 1000 Movies On IMDB'

Domain: Movies

This report provides an overview of the Tableau dashboard created for analyzing movie data. The chosen domain is "Top 1000 Movies on IMDB," which includes data such as rank, title, certificate, duration, genre, rating, and cast.

Data Attributes

1. **Rank:** The ranking of the movie on IMDB.
2. **Title:** The name of the movie.
3. **Certificate:** The certification of the movie (e.g., PG, R, etc.).
4. **Duration:** The runtime of the movie in minutes.
5. **Genre:** The genre(s) of the movie.
6. **Rating:** The average user rating of the movie on IMDB.
7. **Description:** A brief overview of what happens in the movie.
8. **Cast:** The main cast members of the movie.
9. **Metascore:** The Metascore rating of the movie.
10. **Info:** The gross revenue and votes generated by the movie.

Target Users

The primary users of this dataset and dashboard are:

- **Movie Enthusiasts:** Individuals interested in analyzing trends and discovering new movies.
- **Researchers:** People studying the film industry, audience preferences, or market trends.

- **Content Creators:** Film critics or bloggers who use insights for storytelling and reviews.

Key Metrics

The dashboard focuses on the following key metrics:

- **Average Ratings:** The top genres sorted by average ratings.
- **Movie Distribution:** Visualization of the proportion of movies by certificate.
- **Gross Revenue:** Insights into which movies generated the most revenue and what factors contributed.
- **Movie Duration:** Exploring the relationship between runtime and ratings.

Visualizations

The dashboard includes the following visualizations:

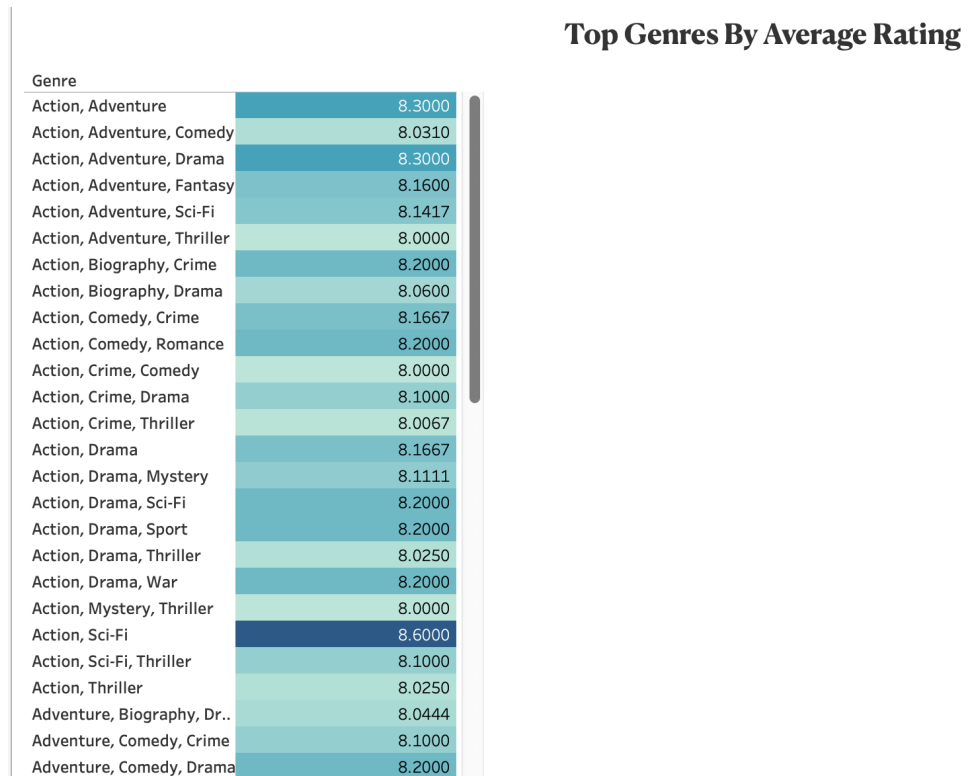
1. **Highlight Table:** Top Genre Of Movies By Ratings.
2. **Bar Chart:** Movie Distribution By Certificate.
3. **Bubble Chart:** Relationship Between Genre and Meta Score.
4. **Line Chart:** Trend of Average Ratings With Duration.
5. **Area Chart:** Duration with Measure Values

Insights Derived

- **Top Genres By Average Rating:** Action, Sci-fi, Crime, Drama have the highest average ratings
- **Movie Distribution:** Highest Films are R-rated and TV-14 is least rated certificate.
- **Duration vs. Rating:** Duration has no impact as highest rated movie is 110 min.
- **Genre vs/ Meta Score:** Understanding what Genres have good meta scores.
- **Measure Values by Ranking:** To see if duration and measure values are related.

Explanation

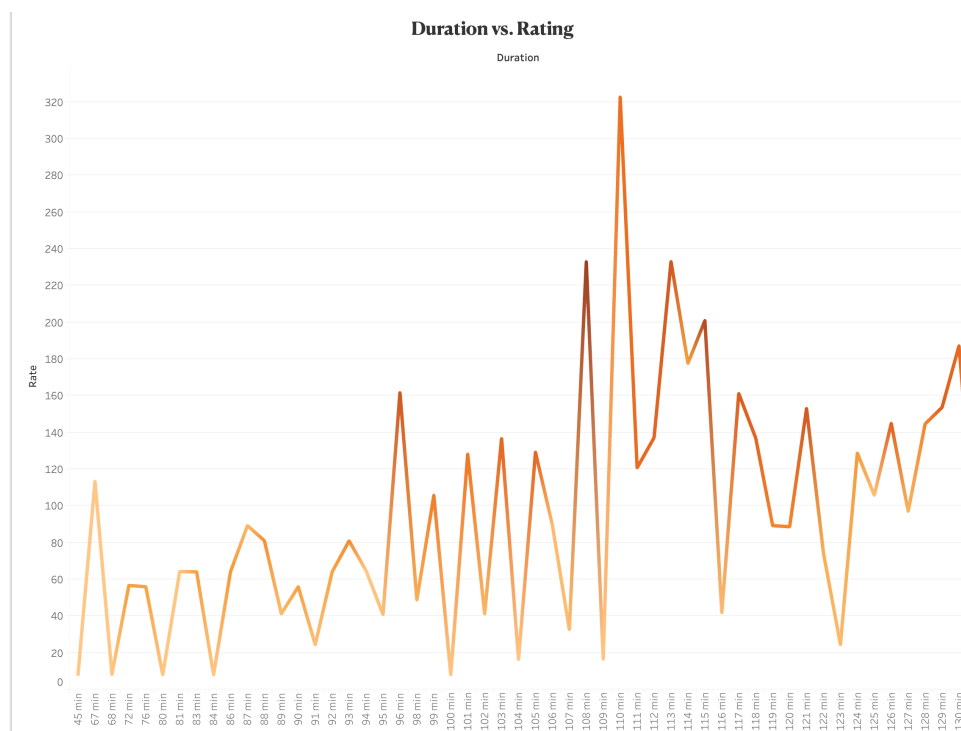
- **Visualization 1: Highlight Table:** This chart highlights the top genre of movies based on their average IMDB ratings. They are sorted according to color based on the avg(rate) attribute, and the detail is the rank of the genre.



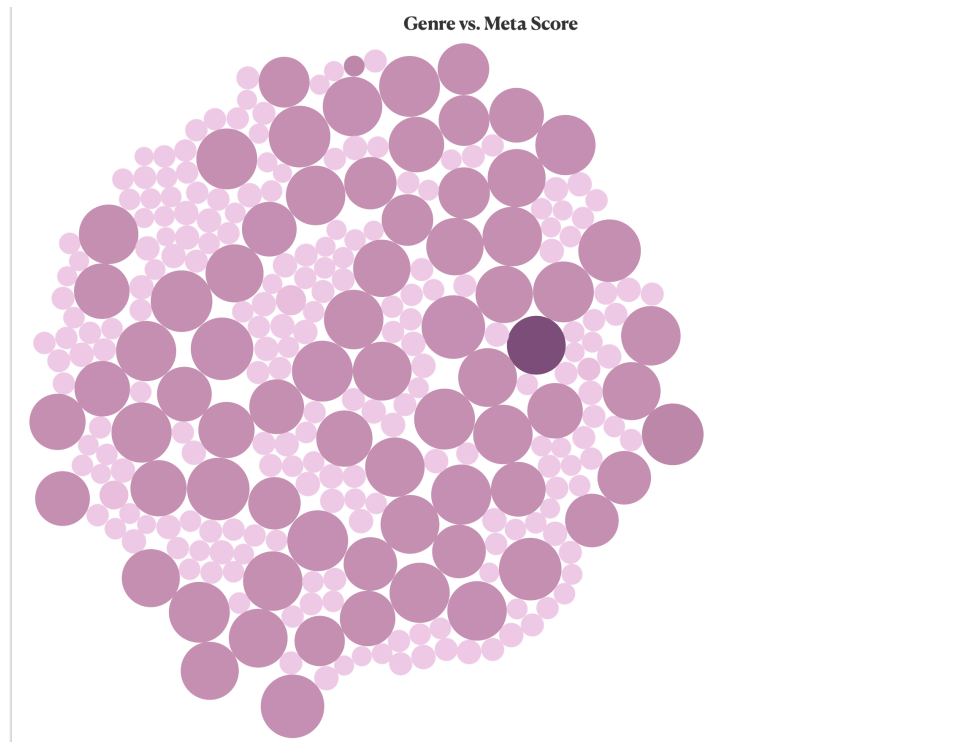
- **Visualization 2: Bar Chart (Movie Distribution):** This chart shows the distribution of movie genres, offering insights into their certificates. We get to see if they're ranked higher or lower.



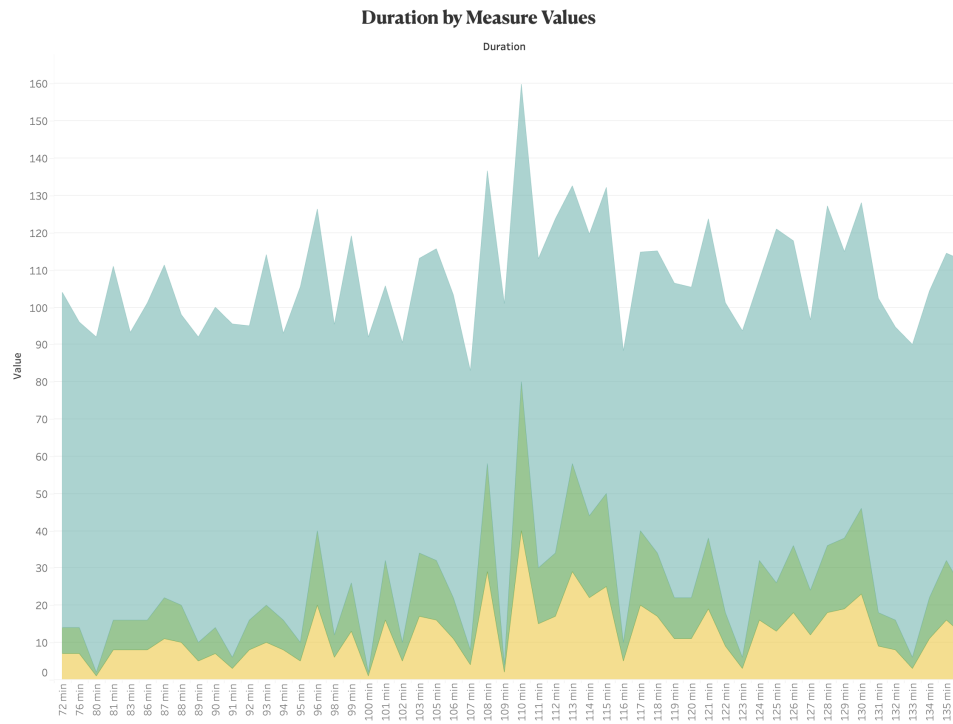
- **Visualization 3: Line Chart (Duration vs. Rating):** This chart explores the relationship between a movie's rating and its duration.



- **Visualization 4: Bubble Chart (Genre vs. Meta Score):** This chart explores the relationship between a movie's metascore and its genre. The labels include certificate and duration. It is sorted according to color based on the attribute SUM(Rating).



- **Visualization 5: Area Chart (Duration by Measure Values):** The duration of a movie is put across the measure values, which are the rank, metascore, and ratings. Duration has no effect on the ratings nor the rank.



Conclusion

This dashboard provides interactive insights into the top 1000 movies on IMDB, helping users understand trends and patterns in the movie industry.

Top 1000 IMDB Movies

