

Key Insights from RSVP Movie Rating Analysis Datasets-

- The analysis of the IMDB dataset revealed critical insights for RSVP Movies strategic decisions.
- The Schema included six tables with key columns like country and production company had null values.
- Highest number of movies were released in the year **2017** (3,052) with **March** being the most active month (824 movies).

Genre Based Trends:

- Highest number of movies were produced in **Drama genre** (4285) with average duration of 107 mins. Followed by Comedy genre (2412) and Thriller genre (1484).
- Action_movies have highest average duration of 113 mins whereas horror movies have lowest average duration of 93 mins.

Production & Ratings:

- **Dream Warrior Pictures** and **National Theatre Live** are production houses that led with most of the high-rated movies (avg. rating >8).
- **Marvel Studios, Twentieth Century Fox** and **Warner Bro** are the top three production houses based on the number of votes received by their movies.
- **Star Cinema** is the top production house that has produced the highest number of hits (median rating >= 8) among multilingual movies.
- Top ranked movies based on average ratings of 10 are '**Kirket**' and '**Love in Kilnerry**'.
- Movies with a **median rating of 7** were the largest cohort (2,257 movies).

Top Directors:

- **James Mangold** is the top most director in the top three genres whose movies have an average rating > 8.
- Directors like **A.L. Vijay** averaged 177 days between projects.

Top Performers:

- **Mammootty** and **Mohanlal** are top actors whose movies have a median rating >= 8.
- **Vijay Sethupathi** is the top Indian Actor who has worked in at least five Indian movies and his movies have received highest average rating of 8.4.
- **Taapsee Panu** is the top Indian Actress who has worked in at least three Indian movies and her movies have received highest average ratings.
- **Sangeetha Bhat** is the top actress having Super Hit movies based on average rating > 8 in 'drama' genre.

Therefore, RSVP can plan their next project in Drama_genre with Dream Warrior Pictures production House or Star Cinema if going for multilingual movie. James Mangold as the director. They can leverage Indian actors for regional appeal such as Vijay Sethupathi or Mammootty as actor and Taapsee Panu or Sangeetha Bhat as actress. They can plan their movie release in December or July, being the least competitive months (<500 movies released).