SQL - RSVP Movies Case Study Summary

- Nivethini Senthilselvan

In order to advance our skillset in SQL, Upgrad have provided us an opportunity to explore RSVP Movies dataset. Here are some key insights derived by me from the case study assignment.

EXECUTIVE SUMMARY OF RSVP MOVIES DATASET (2017, 2018, 2019):

- More number of movies released are in the year **2017** having a total of 3,052 which is followed by the year 2018 with 2944 and 2019 with 2001 movies respectively.
- For the year 2017, 2018 and 2019, **March month** tops the list with a greater number of movies released.
- In the year 2019, **India and USA** have produced nearly 1059 movies.
- **Drama genre** have produced 4285 movies overall for the three consecutive years (2017, 2018, 2019)
- One movie may fall under several genres. Therefore, number of one genre movies alone are 3289.
- Possible duration of RSVP Movies' next project is approximately **103 Mins**.
- **Thriller** movies **ranks 3rd among** all genres with a total of 1484 movies.
- There are **six movies** with an average rating greater than **9.5**. Among which **"Kirket" and "Love in Kilnerry"** have the average rating of **10/10.**
- It is observed that, most of movies have **median rating of 7(2257 movies)** followed by 6(1975 movies) and 8(1030 movies).
- The **production house** with which RSVP Movies can partner for its next project is **"Dream Warrior Pictures" or "National Theatre Live",** As they have produced more number of hit movies having an average rating greater than 8.
- 361 movies were given a median rating of 8 between 1 April 2018 and 1 April 2019.
- On an average, it is observed that German movies get more votes than Italian movies.
- The **Top three genres** with more number of hit movies with an average rating greater than 8 **are Drama, Action and Comedy** ranked respectively.

- The **top three directors** in the top three genres whose movies have an average rating greater than 8 are **James Mangold, Joe Russo and Anthony Russo**.
- **James Mangold** can be hired as the director for **RSVP's next project**.
- The **top two actors** whose movies have a median rating >= 8 are **Mammootty and Mohanlal.**
- The **top three production houses** based on the number of votes received by their movies are **Marvel Studios, Twentieth Century Fox and Warner Bros**.
- RSVP Movies can hire a few Indian actors like **Vijay Sethupathi, Fahad Faasil and Yogi Bab**u for its **upcoming project** to give a regional feel, since these actors ranks top in the list based on movies released in India and on their average ratings.
- The **top five actresses of Hindi movies** released in India based on their average ratings are **Taapsee Pannu, Kriti Sanon, Divya Dutta, Shraddha Kapoor and Kriti Kharbanda.**
- Based on average rating, the thriller movies are classified into four categories.

Category	Movie count	Average Ratings
One-time-watch movies	786	5 to 7
Flop movies	493	Below 5
Hit movies	166	7 to 8
Superhit movies	39	Above 8

- The **top highest-grossing movies** of each year that belong to the top three genres are **"The Fate of the Furious" (2017), "The Villian" (2018), "Avengers: Endgame" (2019)**
- The **top two production houses** that have produced the **highest number of hits** (median rating >= 8) among multilingual movies are **"Star Cinema" and "Twentieth Century Fox".**
- The **top 3 actresses based on number of Super Hit movies** (average rating >8) in drama genre are **Parvathy Thiruvothu, Susan Brown and Amanda Lawrence**.