

RSVP MOVIES SQL CASE STUDY – IIITB

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Problem Statement:

RSVP Movies is an Indian film production company which has produced many super-hit movies. They have usually released movies for the Indian audience but for their next project, they are planning to release a movie for the global audience in 2022.

The production company wants to plan their every move analytically based on data and have approached you for help with this new project. You have been provided with the data of the movies that have been released in the past three years. You have to analyse the data set and draw meaningful insights that can help them start their new project.

Inference:

- First the database named 'imdb' is created and structures of various tables are created. Once the tables are created, the values are inserted in it.
- Once the data is created, the table rows and columns should be analysed. When it is done the table containing the null values should be verified.
- From the database, there were four columns of the movie table that contained null values.
- By calculating the number of movies that are released in the year 2017, 2018 and 2019 they are 3052, 2944 and 2001 respectively. By calculating month-wise during the march most of the movies were released which was 824.
- From the database, we can see that India and USA are the countries producing more movies each year.
- Of the different genres of 14 types, drama is the only genre which has highest number of movies 4285.
- There are 3289 movies which are associated to one genre.
- By finding each genre for average duration, it has inferred that drama has the highest average time duration of about 106.7746 mins.
- On an average rating of the movies, we infer that 'Kriket' and 'Love in Kilnerry' has a movie rating of about 10.0
- From the database, the production company which has higher number of movies having a rating greater than 8 is Dream Warrior Pictures and National Theatre Live.
- The production company which has the higher vote count and ranked in the number one position is 'Marvel Studios'.
- As for the RVSP Movies it wants to hire an actor who is of higher average rating and should have acted at least in five Indian Movies. The actor who is at the top of the list is Vijay Sethupathi and for the actress it is 'Taapsee Pannu' who averages with a rating of about 7.74.
- The actors who have a median rating of greater than 8 are Mammooty and Mohanlal.
- James Mangold can be hired as the director for RSVP's next project as he has the rating greater than 8 for about 4 movies in different genres.

Conclusion:

From the inference, RSVP can plan their every move from the data that is collected and produce a successful movie in the end by enrolling the top directors, actors and actresses.