

# SQL GROUP STUDY

## Executive Summary

By- Sayan Sarkar, Jadav Rohit Kumar

**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. In order to get through analytics, the company have approached us to gain various insights from the past records. Sowe have to analyse the data set and draw meaningful insights that can help them start their new project.

### **PROBLEM SOLUTION:**

#### **SEGMENT 1:**

##### ● 1:

Tables-

Table Name	No.of rows
movie	7997
genre	14662
Director_mapping	3867
ratings	7997
names	25735
Role_mapping	15615

##### ● 2:

There are null values in the columns of movie are as follows:

- a. country
- b. worldwide\_gross\_income
- c. languages
- d. production\_company

##### ● 3:

The number of movies produced has been decreased from 2017 to 2019 each year. The number is as follows:

Year	No.of movies
2017	3052
2018	2944
2019	2001

1<sup>st</sup> Highest - March - Reason of completion of Board exams

2<sup>nd</sup> highest- October- Puja vacation

3<sup>rd</sup> Highest- January- Winter Vacation

##### ● 4.

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There are all total 2863 movies produced in USA and India.

● 5. Unique Genres are as follows:

1. Drama
2. Fantasy
3. Thriller
4. Comedy
5. Horror
6. Family
7. Romance
8. Adventure
9. Action
10. Sci-Fi
11. Crime
12. Mystery
13. Others

● 6.

Drama genre have highest number of movies released with count of 1078 in last year 2019. So, RSVP should focus on "Drama" genre.

● 7.

There are all total 3289 movies which belong to specific one genre.

● 8. 'Drama' (produced highest in number in 2019) has the average duration of 106.77 mins.

● 9. Thriller movies is in top 3 among all genres in terms of number of movies with and Drama topping with 4285 counts.

### SEGMENT 2:

● 10. Minimum and maximum values in each column of the ratings table are in the expected range.

● 11. top 10 movies on basis of avg\_rating:

Kirket  
Love in Kilnerry  
Gini Helida Kathe  
Runam  
Fan  
Android Kunjappan Version 5.25  
Yeh Suhaagraat Impossible  
Safe  
The Brighton Miracle  
Shibu

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- 12. Movies with a median rating of 7 is highest in number.
- 13. Dream Warrior Pictures or National Theatre Live both have most number of hit movies.
- 14. Drama tops the list with 24 releases in March 2017 in USA.

### CONCLUSION:

The problem statements gave really a good insights into the Movies market that helps us to find:

- Useful genres the RSVP production should focus
- Hiring potential actors and actresses to generate handsome revenue
- Useful indicators that led is beneficial for the company.