SQL - RSVP Movies Case Study

Total number of movies released Each year

SI.NO	YEAR	NO OF MOVIES
1	2017	3052
2	2018	2944
3	2019	2001

Monthly trend

MONTH	NO OF MOVIES	MONTH	NO OF MOVIES
1	804	7	493
2	640	8	678
3	824	9	809
4	680	10	801
5	625	11	625
6	580	12	438

USA and India produced more than a thousand movies in the year 2019

-- USA and India produced more than a thousand movies in the year 2019.

year	Country name	Number of movies produced
2019	India	309
2019	USA	750

the unique list of the genres present in the data set

-- there are 13 distinct present in the data set

Genre	Genre
Drama	Adventure
Fantasy	Action
Thriller	Sci-Fi
Comedy	Crime
Horror	Mystery
Family	Others
Romance	

Genre having the highest number of movies produced
-- Drama is the genre having highest number of movies

Year	Genre	Genre count
2019	Drama	1078

The average duration of movies in each genre
-- Action movies has highest Average duration

Genre	Average duration	Genre	Average duration
Action	112.88	Mystery	101.80
Romance	109.53	Thriller	101.58
Crime	107.05	Family	100.97
Drama	106.77	Others	100.16
Fantasy	105.14	Sci-Fi	97.94
Comedy	102.62	Horror	92.72
Adventure	101.87		

minimum and maximum values in each column of the ratings

Min Avg rating	Max Avg rating	Min Total votes	Max Total votes	Min median rating	Max median rating
1	10	100	725138	1	10

the top 10 movies based on average rating

Title	Average rating	Movie Rank
Love in Kilnerry	10.0	1
Kirket	10.0	1
Gini Helida Kathe	9.8	3
Runam	9.7	4
Fan	9.6	5
Android Kunjappan Version 5.25	9.6	5
Yeh Suhaagraat Impossible	9.5	7
Safe	9.5	7
The Brighton Miracle	9.5	7
Shibu	9.4	10

the ratings table based on the movie counts by median ratings

Median Rating	Movie Count
7	2257
6	1975
8	1030
5	985
4	479
9	429
10	346
3	283
2	119
1	94

production house has produced the most number of hit movies with average rating greater than 8

Production company	Movie Count	Rank
Dream Warrior Pictures	3	1
National Theatre Live	3	1

movies released in each genre during March 2017 in the USA had more than 1,000 votes

Genre	Movie Count
Drama	16
Comedy	8
Crime	5
Horror	5
Action	4
Sci-Fi	4
Thriller	4
Romance	3
Fantasy	2
Mystery	2
Family	1

the top three directors in the top three genres whose movies have an average rating > 8

Director Name	Number Of Movies
James Mangold	4
Anthony Russo	3
Soubin Shahir	3

the top two actors whose movies have a median rating >= 8

Actor Name	Movies Count
Mammootty	8
Mohanlal	5

the top three production houses based on the number of votes received by their movies

Production company	Vote count	Production company Rank
Marvel Studios	2656967	1
Twentieth Century Fox	2411163	2
Warner Bros.	2396057	3

Most popular actor with movies released in India based on their average ratings

Actor name	Total votes	Movie count	Actor avg rating	Actor rank
Vijay Sethupathi	20364	5	8.42	1

the top five actresses in Hindi movies released in India based on their average ratings

Actress name	Total votes	Movie count	Average rating	Actress Rank
Taapsee Pannu	2269	3	7.74	1
Divya Dutta	345	3	6.88	2
Kriti Kharbanda	1280	3	4.80	3
Sonakshi Sinha	1367	4	4.18	4

Conclusion :

- he highest number of movies is produced in the month of March.
- USA and India produced more than a 1059
    movies in the year 2019.
- RSVP Movies should focus on the 'Drama' genre
- James Mangold can be hired as the director for RSVP's next project.
    his movies, 'Logan' and 'The Wolverine
- Marvel Studios is production house based on the number of
    votes received by their movies