SQL ASSIGNMENT

Insights from the assignment:

1. Found the number of rows in each table of the schema.
2. 4 columns in movie table of the schema has null values.
3. 2017 year has the maximum number of movie release among the year and march month has the maximum movie release among months.
4. There are more than 1000 movies in year 2019 in the country USA or India.
5. Top three genre are 1. drama with 4285 movies, 2. comedy with 2412 movies and 3. thriller with 1484 movies.
6. There are 3289 movies that belong to one genre.
7. Action movies has maximum average duration of 112.88 sec followed by romance with 109.53sec then crime with 107.05 sec.
8. Ranking to genre based on number of movies released are drama >comedy>thriller.
9. Maximum and minimum of all the column in rating table are: avg_rating: max-10 , min-1: Total_votes: max-725138, min-100; Median_rating: max-1, min-10.
10.   The top 10 movies based on average rating are Kriket> Love in Kilnerry>Gini Helida Kathe>Runam>Fan.
11.   Median rating 7 has maximum movie count 2257 followed by median rating 6 with 1975 movies and then 8 median rating with 1030 movies.

12. Dream warrior pictures or national theater live both production company rank 2 in number of movies produced.

13. Drama genre has total 16 movies then comedy with 8 movies and then crime with 5 movies.

14. We listed movies which starts with 'the' and has average rating >8.

15. German movies get more votes than italian movies.

16. Mammootty with 8 movies and mohanlal with 5 movies are top two actors whose movies have median rating >8

17. Top three production houses are marvel studios(2656967 votes), twentieth century(2411163 votes), warner bros(2396057 votes)

18. Indian actors Rajkumar Rao 42560 votes total movie 6 ,weighted average 7.36 then Vijay Sethupathi 23114 votes,5 movies,8.4 weighted average.

19. Indian actress Nayanthara 8962 votes,6 movies,6.68 weighted average then Shradha Kapoor 26779 votes,6.63 weighted average,3 movies and Taapse Pannu tops with average rating 7.74, 18895 votes ,5 movies.

20. Star cinema rank 1 with a total of 3 movies then Ave Fenix pictures with 2 movies and Fright house Pictures with 2 movies among the top production houses that have produced the highest number of hits (median rating >= 8) among multilingual movies.

21. Top 3 actresses based on number of Super Hit movies (average rating >8) in drama genre are Parvathy Thiruvothu, Susan Brown,Amanda Lawrence.
22.