

# LIST OF QUESTIONS

# EASY

**Q-1 Write a SQL query to find the name and year of the movies. Return movie title, and movie release year.**

**Q-2 Write a SQL query to find when the movie 'Secret Superstar' was released. Return movie release year.**

**Q-3 Write a SQL query to find the movie that was released in 2017. Return movie title.**

**Q-4 Write a SQL query to find those movies, which were released before 2019. Return movie title.**

**Q-5 Write a SQL query to find all Movie\_id who have Avg\_rating seven or more stars to their rating.**

**Q-6 Write a SQL query to find the movie titles that contain the letters 'll'. Sort the result-set in ascending order by movie year. Return movie ID, movie title, and movie release year.**

# EASY

**Q-7: Write a SQL query to find those actors with the first name 'A' and the last name 'A' and the Movies\_id they are known for. Return actor ID.**

**Q-8: Write a SQL query to find the movies with ID 'tt3405236' or 'tt5764024' or 'tt7820846'. Return movie title.**

**Q-9: What genres of movies are their in the data set?**

**Q-10: Show the avg\_rating of each movie. Sort the result-set in descending order by avg\_rating.**

## MEDIUM

**Q-11 Find the total number of movies released each year.**

**Q-12 How many movies were produced in the year 2019?**

**Q-13 Which genre had the highest number of movies produced overall?**

**Q-14 What is the average duration of movies in each genre?**

**Q-15 Find the minimum and maximum values in each column of the ratings table except the movie\_id column.**

**Q-16 How many movies were released in each genre during March 2018 and had votes of more than 1,000?**

**Q-17 Find movies of each genre that start with the word 'Ba' and which have an average rating > 7.**

**Q-18 No. of movies released between 1 April 2018 and 1 April 2019, how many were given a median rating of 8?**

# MEDIUM

**Q-19 Summarise the ratings table based on the movie counts by median ratings.**

**Q-20 Who are the top two actors whose movies have a median rating  $\geq 8$ ?**

# HARD

**Q-21 What is the rank of the 'thriller' genre of movies among all the genres in terms of number of movies produced?**

**Q-22 Which are the top 10 movies based on average rating?**

**Q-23 Which production house has produced the most number of hit movies (average rating > 7)?**

**Q-24 Which are the top three production houses based on the number of votes received by their movies?**

**Q-25 Rank actors based on their average ratings.**

**Q-26 Find out the top five actresses based on their average ratings?**

**Q-27 Select drama movies as per avg rating and classify them in the following category:**

- Rating > 8: Superhit movies
- Rating between 7 and 8: Hit movies

# HARD

- Rating between 5 and 7: One-time-watch movies
- Rating < 5: Flop movies

**Q-28 What is the genre-wise running total and moving average of the average movie duration?**

**Q-29 Which are the five highest-grossing movies of each year that belong to the top 2 genres?**

**Q-30 Which are the top three production houses that have produced the highest number of hits (median rating  $\geq 8$ )?**

**Q-31 Who are the top actresses based on a number of Super Hit movies (average rating  $>8$ ) in the drama genre?**