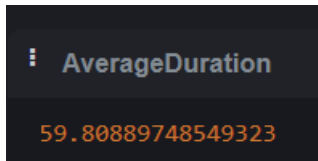


SQL QUERIES FOR MOVIE RATING PREDICTION:-

1.What is the average duration of movies in the dataset?

**Query:-SELECT AVG(c3) AS AverageDuration FROM
IMDbMoviesIndia;**

Output:-



A screenshot of a SQL query result. It shows a single column header 'AverageDuration' and a single row of data with the value '59.80889748549323'.

AverageDuration
59.80889748549323

2.How many movies were released in a specific year?

**Query:- SELECT COUNT(*) AS Number_Of_Years FROM
IMDbMoviesIndia WHERE c2 = '2021';**

Output:-0

3.Which genre has the highest average rating?

**Query:- SELECT c4, AVG(c5) AS AverageRating
FROM IMDbMoviesIndia
GROUP BY c4
ORDER BY AverageRating DESC**

LIMIT 1;

Output:-

c4	AverageRating
History, Romance	9.4

4. Who is the director of the movie "100 Days"?

Query:- SELECT c7 FROM IMDbMoviesIndia WHERE c1 = '100 Days';

Output:- Partho Ghosh

5. What is the rating of the movie "11 O'Clock"?

Query:- SELECT c6 FROM IMDbMoviesIndia WHERE c1 = "11 O'Clock";

Output:- Homi Wadia

6. How many votes did the movie "PQR" receive?

Query:-

SELECT c6 FROM IMDbMoviesIndia WHERE c1 = '124a';

Output:- Varrun Sukhraj

7.What are the top 5 highest-rated movies?

**Query:- SELECT c1,c5
FROM IMDbMoviesIndia
ORDER BY c5 DESC
LIMIT 5;**

Output:-

c1	c5
Name	Rating
Half Songs	9.7
Breed	9.6
Gho Gho Rani	9.4
June	9.4

8.Which actor appeared in the most movies?

**Query:- SELECT Actor, COUNT(*) AS MovieCount
FROM (
SELECT C8 AS Actor FROM IMDbMoviesIndia
UNION ALL
SELECT C9 AS Actor FROM IMDbMoviesIndia
UNION ALL
SELECT C10 AS Actor FROM IMDbMoviesIndia**

```
) AS AllActors  
GROUP BY Actor  
ORDER BY MovieCount DESC  
LIMIT 1;
```

Output:-

7145

9.How many movies were released in each year?

```
Query:- SELECT c2 AS NumberOfMovies, COUNT(*) AS  
NumberOfMoviesCount  
FROM IMDbMoviesIndia  
GROUP BY c2;
```

Output:-

NumberOfMovies	NumberOfMoviesCount
	528
(1913)	1
(1914)	1
(1915)	1
(1917)	1

10.What is the average rating of movies directed by a specific director?

Query:- SELECT C7 AS Director, AVG(C5) AS AverageRating
FROM IMDbMoviesIndia
GROUP BY C7
HAVING C7 = 'J.S. Randhawa';

Output:-

Director	AverageRating
J.S. Randhawa	2.85