

# IMDB Movies Data Analysis MySQL Queries

#1-Can you get all data about movies?

```
SELECT * FROM movies;
```

#2-How do you get all data about directors?

```
SELECT * FROM directors;
```

#3-Check how many movies are present in IMDB.

```
SELECT COUNT(*) AS total_movies FROM movies;
```

#4-Find these 3 directors: James Cameron ; Luc Besson ; John Woo

```
SELECT *
```

```
FROM directors
```

```
WHERE name IN ('James Cameron', 'Luc Besson', 'John Woo');
```

#5-Find all directors with name starting with S.

```
SELECT *
```

```
FROM directors
```

```
WHERE name LIKE 'S%';
```

#6-Count female directors.

```
SELECT COUNT(*) AS female_directors
```

```
FROM directors
```

```
WHERE gender = 1;
```

#7-Find the name of the 10th first women directors?

```
SELECT name
```

```
FROM directors
```

```
WHERE gender = 1
```

```
ORDER BY id
```

```
LIMIT 1 OFFSET 9;
```

#8-What are the 3 most popular movies?

```
SELECT original_title, popularity
```

```
FROM movies
```

```
ORDER BY popularity DESC
```

```
LIMIT 3;
```

#9-What are the 3 most bankable movies?

```
SELECT original_title, revenue
```

```
FROM movies
```

```
ORDER BY revenue DESC
```

```
LIMIT 3;
```

#10-What is the most awarded average vote since the January 1st, 2000?

```
SELECT original_title, vote_average
```

```
FROM movies
```

```
WHERE release_date >= '2000-01-01'
```

```
ORDER BY vote_average DESC
```

```
LIMIT 1;
```

#11-Which movie(s) were directed by Brenda Chapman?

```
SELECT m.original_title
```

```
FROM movies m
```

```
JOIN directors d ON m.director_id = d.id
```

```
WHERE d.name = 'Brenda Chapman';
```

#12-Which director made the most movies?

```
SELECT d.name, COUNT(m.id) AS movie_count
```

```
FROM directors d
JOIN movies m ON d.id = m.director_id
GROUP BY d.name
ORDER BY movie_count DESC
LIMIT 1;
```

#13-Which director is the most bankable?

```
SELECT d.name, SUM(m.revenue) AS total_revenue
FROM directors d
JOIN movies m ON d.id = m.director_id
GROUP BY d.name
ORDER BY total_revenue DESC
LIMIT 1;
```