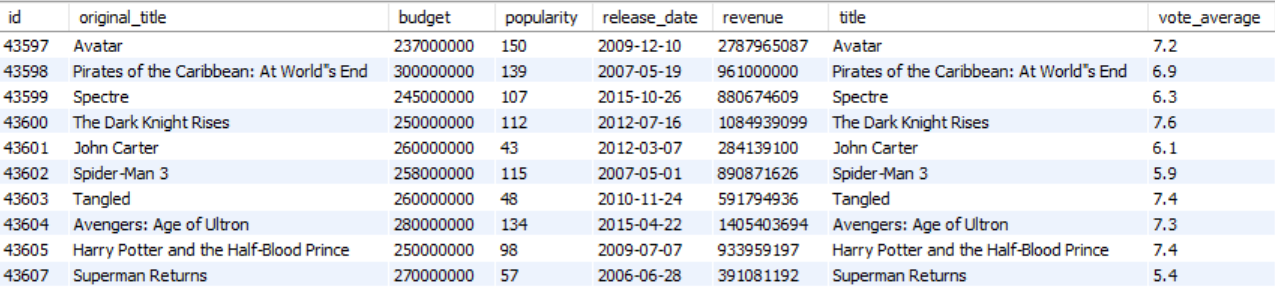
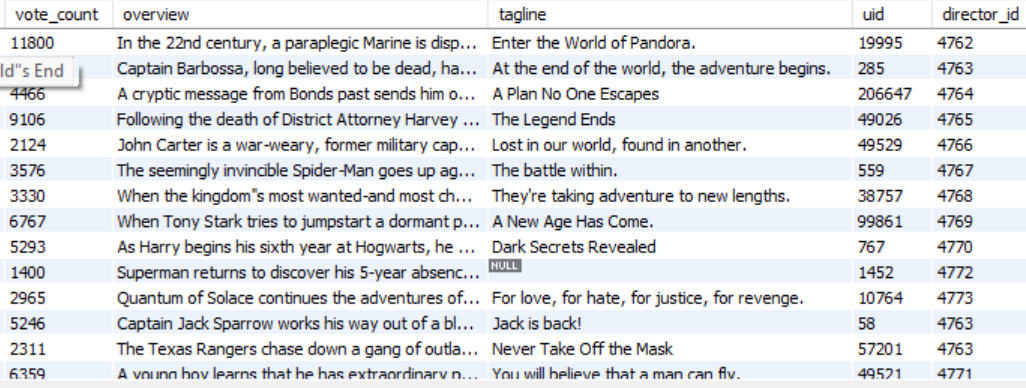
**PRSQl-01-IMDB Movies**

**Problem Queries:**

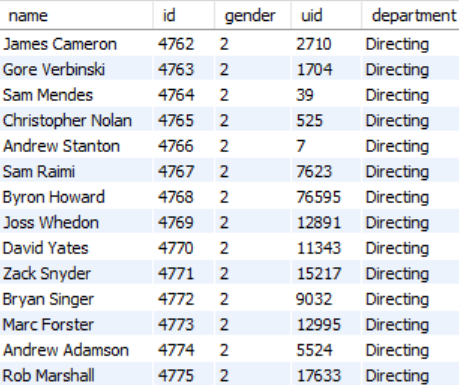
1. Can you get all data about movies?

**select \* from movies;**

****

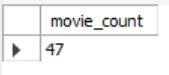
****

1. How do you get all data about directors?

**select \* from directors;**

**c)** Check how many movies are present in IMDB.

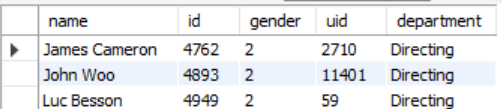
**select count(\*) as movie\_count from movies ;**

****

**d)** Find these 3 directors: James Cameron ; Luc Besson ; John Woo

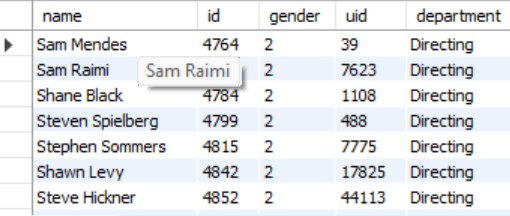
**select \* from directors**

**where name in("James Cameron", "Luc Besson ", "John Woo") ;**



e) Find all directors with name starting with S.

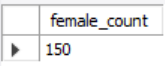
**select \* from directors where name like "s%" ;**

****

f) Count female directors.

**select count(\*) as female\_count from directors**

**where gender=1;**

****

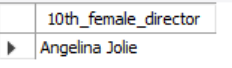
g) Find the name of the 10th first women directors?

**select name as 10th\_female\_director from directors**

**where gender = 1**

**order by id asc**

**limit 1 offset 9;**

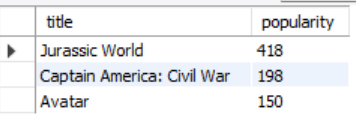
****

h) What are the 3 most popular movies?

**select title,popularity from movies**

**order by popularity desc**

**limit 3;**

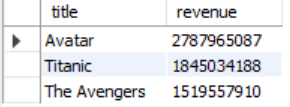
****

1. What are the 3 most bankable movies?

**select title, revenue from movies**

**order by revenue desc**

**limit 3;**

****

j) What is the most awarded average vote since the January 1st, 2000?

**select title, vote\_average from movies where**

**release\_date >= "2000-01-01"**

**order by vote\_average desc**

**limit 1;**

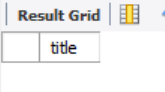
****

k) Which movie(s) were directed by Brenda Chapman?

**select m.title from movies m**

**join directors d on m.director\_id = d.id**

**where d.name = "Brenda Chapman" ;**

****

l) Which director made the most movies?

**SELECT d.name, COUNT(\*) AS movie\_count FROM**

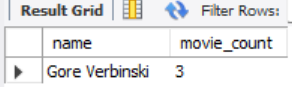
**movies m**

**JOIN directors d ON m.director\_id = d.id**

**GROUP BY d.name**

**ORDER BY movie\_count DESC**

**LIMIT 1;**

****

m) Which director is the most bankable?

**SELECT d.name, SUM(m.revenue) AS total\_revenue**

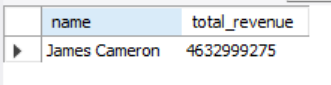
**FROM movies m**

**JOIN directors d ON m.director\_id = d.id**

**GROUP BY d.name**

**ORDER BY total\_revenue DESC**

**LIMIT 1;**

****

**----------------Thank you---------------**