

SQL Case Study



OSCARS

Agenda

- Introduction
- About Oscars Award
- Tables
- Questions
- Answers

Introduction

- ▶ OSCARS 2024 : CASE STUDY
- ▶ The challenge is to Craft SQL Queries to extract insights from the Oscars 2024.



About Oscars Award

- ▶ The Academy Awards, commonly known as the Oscars, are awards for artistic and technical merit for the film industry.
- ▶ They are presented annually by the Academy of Motion Picture Arts and Sciences (AMPAS) in the United States, in recognition of excellence in cinematic achievements as assessed by the Academy's voting membership.
- ▶ The Oscars are widely considered to be the most prestigious awards in the film industry.

Tables





- ▶ movies
- ▶ nominees
- ▶ winners

Questions

- ▶ #Find the producer names along with the count of movies they have produced that won an award?
- ▶ #Find the names of all movies along with the count of nominations they received and arrange in descending order?
- ▶ #Find the names of all producers who have produced movies that were both nominated and won an award?
- ▶ #Which category Cillian Murphy and Robert Downey Jr. won the award ?
- ▶ #Retrieve the count of winners for each category from the Winners table?

1. Find the producer names along with the count of movies they have produced that won an award?

```
#1)Find the producer names along with the count of movies they have produced that won an award?  
SELECT producer, COUNT(movie_title) AS count_of_movies  
FROM movies  
INNER JOIN winners ON winners.movie_title = movies.title  
GROUP BY producer;
```

| Result Grid   Filter Rows: <input data-bbox="993 749 1439 821" type="text"/> Export:  Wrap Cell Content:  | | |
|---|--|-----------------|
| | producer | count_of_movies |
| ▶ | Emma Thomas, Charles Roven and Christopher ... | 7 |
| | Ed Guiney, Andrew Lowe, Yorgos Lanthimos an... | 4 |
| | Mark Johnson | 1 |
| | James Wilson | 2 |
| | David Heyman, Margot Robbie, Tom Ackerley a... | 1 |
| | Ben LeClair, Nikos Karamigios, Cord Jefferson a... | 1 |
| | ... | 1 |

2. Find the names of all movies along with the count of nominations they received and arrange in descending order?

#2) Find the names of all movies along with the count of nominations they received and arrange in descending order?

```
select movie_title , count(*) as count_of_nominations from nominees  
group by movie_title  
order by count_of_nominations desc;
```



The screenshot shows a database query result grid. The grid has two columns: 'movie_title' and 'count_of_nominations'. The results are sorted in descending order of nomination count. The first row is 'OPPENHEIMER' with 13 nominations. The second row is 'POOR THINGS' with 11 nominations. The third row is 'KILLERS OF THE FLOWER MOON' with 10 nominations. The fourth row is 'BARBIE' with 8 nominations. The fifth row is 'MAESTRO' with 7 nominations. The sixth row is 'ANATOMY OF A FALL' with 5 nominations. The seventh row is 'THE HOLDOVERS' with 5 nominations. The grid includes a 'Result Grid' tab, a 'Filter Rows' input field, an 'Export' button, and a 'Wrap Cell Content' checkbox.

| movie_title | count_of_nominations |
|----------------------------|----------------------|
| OPPENHEIMER | 13 |
| POOR THINGS | 11 |
| KILLERS OF THE FLOWER MOON | 10 |
| BARBIE | 8 |
| MAESTRO | 7 |
| ANATOMY OF A FALL | 5 |
| THE HOLDOVERS | 5 |



3. Find the names of all producers who have produced movies that were both nominated and won an award?

```
#3)Find the names of all producers who have produced movies that were both nominated and won an award?  
select distinct producer from movies  
inner join nominees  
on  
movies.title=nominees.movie_title  
inner join winners  
on  
nominees.movie_title=winners.movie_title;
```

| | |
|--|--|
| < | |
| Result Grid | |
| Filter Rows: <input type="text"/> | |
| Export: <input type="button" value="Export"/> | |
| Wrap Cell Content: <input type="button" value="Wrap"/> | |
| | producer |
| ▶ | Ben LeClair, Nikos Karamigios, Cord Jefferson a... |
| | Marie-Ange Luciani and David Thion |
| | David Heyman, Margot Robbie, Tom Ackerley a... |
| | Mark Johnson |
| | Emma Thomas, Charles Roven and Christopher ... |
| | Ed Guiney, Andrew Lowe, Yorgos Lanthimos an... |

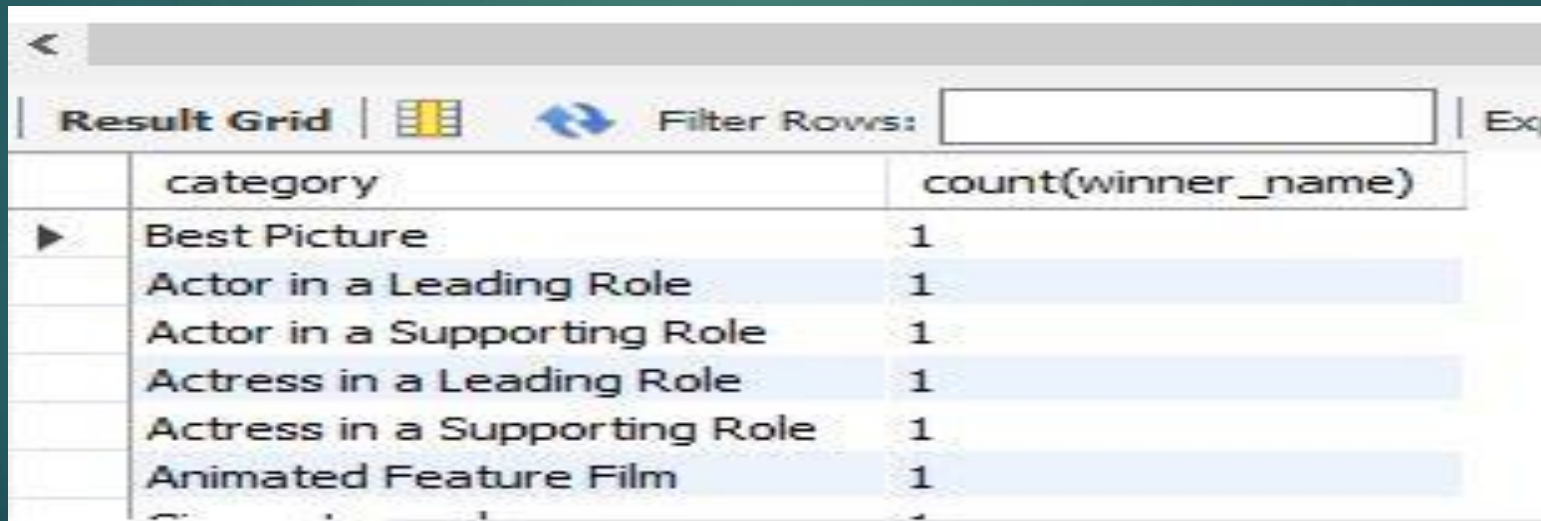
4. Which category Cillian Murphy and Robert Downey Jr. won the award ?

```
#4)Which category Cillian Murphy and Robert Downey Jr. won the award ?  
select distinct category from winners  
where winner_name in ("Cillian Murphy" and "Robert Downey Jr.");
```

| | | | | |
|-------------|------------------------------|---|---|-----------------------------------|
| Result Grid | |  |  | Filter Rows: <input type="text"/> |
| | category | | | |
| ▶ | Best Picture | | | |
| | Actor in a Leading Role | | | |
| | Actor in a Supporting Role | | | |
| | Actress in a Leading Role | | | |
| | Actress in a Supporting Role | | | |
| | Animated Feature Film | | | |

5. Retrieve the count of winners for each category from the Winners table?

```
#5) Retrieve the count of winners for each category from the Winners table?  
select category , count(winner_name) from winners  
group by category;
```



The screenshot shows a database query result grid. At the top, there is a navigation bar with a back arrow, a 'Result Grid' tab, a grid icon, a refresh icon, a 'Filter Rows:' input field, and an 'Exp' button. Below this is a table with two columns: 'category' and 'count(winner_name)'. The table contains six rows of data, each with a category name and a count of 1. The rows are: 'Best Picture', 'Actor in a Leading Role', 'Actor in a Supporting Role', 'Actress in a Leading Role', 'Actress in a Supporting Role', and 'Animated Feature Film'. Each row has a small triangle icon to its left, and the rows are alternatingly highlighted with light blue and white backgrounds.

| | category | count(winner_name) |
|---|------------------------------|--------------------|
| ▶ | Best Picture | 1 |
| | Actor in a Leading Role | 1 |
| | Actor in a Supporting Role | 1 |
| | Actress in a Leading Role | 1 |
| | Actress in a Supporting Role | 1 |
| | Animated Feature Film | 1 |

Reference:

- ▶ <https://nitish2162001.github.io/Challenge/case6.html>



Thank You