# **SQL Case Study**





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### INTRODUCTION

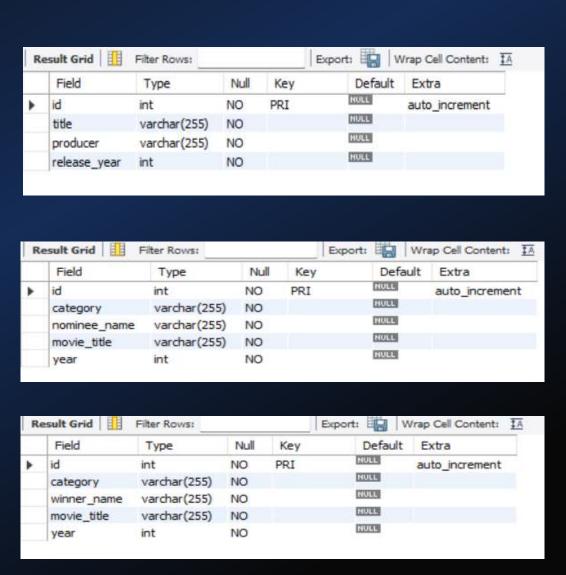
- OSCARS 2024 Case Study
- The challenge is to craft SQL Queries to extract insights from the Oscars 2024.

### **TABLES**

movies

nominees

winners



## CASE STUDY QUESTIONS & ANSWERS

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

```
select movies.producer, count(movie_title) as movie_count
from movies
inner join winners
on movies.title = winners.movie_title
group by producer;
```

Re	esult Grid	Export:	Wrap Cell Content:	ĪA	
	producer	movie_count			
•	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			
	Marie-Ange Luciani and David Thion	1			

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 nomination_count from
nominees group by movie_title
order by nomination_count desc;
```

Result Grid Filter Rows:			Wrap Cell Content:	ĪĀ
movie_title	nomination_count			
OUR UNIFORM	1			
PACHYDERME	1			
WAR IS OVER! INSPIRED BY TH	1			
THE AFTER	1			
INVINCIBLE	1			
KNIGHT OF FORTUNE	1			
RED, WHITE AND BLUE	1			
THE WONDERFUL STORY OF HE	1			
RUSTIN	1			
THE COLOR PURPLE	1			
GODZILLA MINUS ONE	1			
GUARDIANS OF THE GALAXY V	1			
MAY DECEMBER	1			

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 winners
on winners.movie_title = movies.title
inner join nominees
on nominees.movie_title = winners.movie_title;
```

R	esult Grid III 🙌 Filter Rows:	Export	: 8	Wrap Cell Content:	ĪA
	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				
	James Wilson				

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



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

```
select category, count(winner_name) total_count_of_winners from winners
group by category;
```

Result Grid	s:  I	Export:	Wrap Cell Content:	ĪĀ
category	total_count_of_winners			
Actress in a Supporting Role	1			
Animated Feature Film	1			
Cinematography	1			
Costume Design	1			
Directing	1			
Documentary Short Film	1			
Film Editing	1			
International Feature Film	1			
Makeup and Hairstyling	1			
Music (Original Score)	1			
Music (Original Song)	1			
Production Design	1			
Short Film (Live Action)	1			
Sound	1			
Visual Effects	1			
Writing (Adapted Screenplay)	1			
Writing (Original Screenplay)	1			

### **THANK YOU**

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