

SQL CASE STUDY



Real Time SQL Case Study With REAL DATASET



NITISH KUMAR

1) FIND THE PRODUCER NAMES ALONG WITH THE COUNT OF MOVIES THEY HAVE PRODUCED THAT WON AN AWARD?

```
SELECT m.producer  
      ,COUNT(w.movie_title) AS count_of_movies  
  FROM Movies AS m  
 JOIN Winners AS w USING(id)  
 GROUP BY m.producer;
```

OUTPUT

Query #1 Execution time: 0.77ms	
producer	count_of_movies
Ben LeClair, Nikos Karamigios, Cord Jefferson and Jermaine Johnson	1
Marie-Ange Luciani and David Thion	1
David Heyman, Margot Robbie, Tom Ackerley and Robbie Brenner	1
Mark Johnson	1
Dan Friedkin, Bradley Thomas, Martin Scorsese and Daniel Lupi	1



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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 ;
```

OUTPUT

Query #2 Execution time: 0.95ms	
movie_title	count_of_nominations
OPPENHEIMER	13
POOR THINGS	11
KILLERS OF THE FLOWER MOON	10



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3) FIND THE NAMES OF ALL PRODUCERS WHO HAVE PRODUCED MOVIES THAT WERE BOTH NOMINATED AND WON AN AWARD?

```
SELECT producer
FROM Movies
WHERE title IN (
    SELECT DISTINCT movie_title FROM Nominees
) AND title IN (
    SELECT DISTINCT movie_title FROM Winners
);
```

OUTPUT

producer
Ben LeClair, Nikos Karamigios, Cord Jefferson and Jermaine Johnson
Marie-Ange Luciani and David Thion
David Heyman, Margot Robbie, Tom Ackerley and Robbie Brenner
Mark Johnson



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4) WHICH CATEGORY CILLIAN MURPHY AND ROBERT DOWNEY JR. WON THE AWARD ?



```
SELECT winner_name  
      ,category  
FROM Winners  
WHERE winner_name IN ("Cillian Murphy", "Robert Downey Jr.");
```

OUTPUT

Query #4 Execution time: 11ms	
winner_name	category
Cillian Murphy	Actor in a Leading Role
Robert Downey Jr.	Actor in a Supporting Role



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Thank
you



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