

SQL CASE STUDY



Real Time SQL Case Study With REAL DATASET

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

```
select m.producer, count(1) as NoOfMovie  
from movies m  
join winners w  
on m.id = w.id  
group by m.producer;
```

2. FIND THE NAMES OF ALL MOVIES ALONG WITH THE COUNT OF NOMINATIONS THEY RECEIVED AND ARRANGE IN DESCENDING ORDER.

```
select movie_title, count(1) as NoOfMovie  
from nominees n  
group by movie_title  
order by 2 desc;
```

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);
```

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.");
```

5. FIND THE CATEGORIES WHERE THE SAME MOVIE WON IN BOTH THE WINNERS AND NOMINEES TABLES FOR THE YEAR 2024.

```
select distinct w.category from nominees n
join winners w
on n.category = w.category and n.movie_title = w.movie_title and n.year = w.year
where w.year = 2024;
```

6. RETRIEVE THE NAMES OF THE PRODUCERS WHO PRODUCED MOVIES NOMINATED FOR THE BEST PICTURE CATEGORY IN 2024.

```
select m.producer from movies m  
join nominees n  
on m.title = n.movie_title and m.release_year = n.year  
where n.category = "Best Picture" and n.year = 2024;
```

7. LIST THE CATEGORIES WHERE NO WINNER WAS RECORDED IN 2024 FROM THE NOMINEES TABLE.

```
select n.category from nominees n
join winners w
on n.category = w.category and n.movie_title = w.movie_title and n.year = w.year
where w.id is null and n.year = 2024;
```


THANK YOU