Ivy Professional School 10 Day SQL Internship Challenge

DAY-1

Database Name: cars_db;

Database schema:

- *Table I: Car_details*

sale_id	make	type	style	cost_$	purchased_date	salesman_id
1	Honda	Civic	Sedan	40000	2021-01-01	1
2	Ford	Explorer	SUV	35000	2022-05-02	2
3	Ford	Explorer	SUV	25000	2022-04-01	3
4	Audi	A4	Sedan	36000	2021-05-01	3
5	Honda	Civic	Sedan	30000	2022-08-12	4
6	Nissan	Altima	Sedan	48000	2021-10-06	2
7	Toyota	Corolla	Hatchback	40000	2021-12-31	1
8	Toyota	Corolla	Hatchback	60000	2022-08-25	1

- *Table II: salespersons*

Result Grid | Filter Rows:

salesman_id	name	age	city
1	John Smith	28	New York
2	Emily Wong	35	San Franciso
3	Tom Lee	42	Seattle
4	Lucy Chen	31	LA

Challenge 1: Help Daniel who runs a top- end car showroom find some insights in the data.

What is the total revenue generated by the sales of “Sedan” cars in each year?

Query 1:

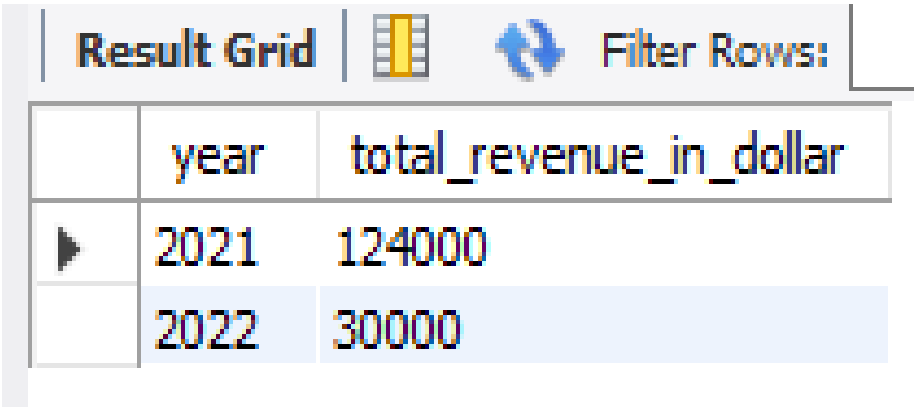
```
SELECT YEAR(purchased_date) as year, SUM(cost_$) AS
total_revenue_in_dollar

FROM car_details

WHERE Style = 'Sedan'

GROUP BY (purchased_date);
```

Output 1:



year	total_revenue_in_dollar
2021	124000
2022	30000