SQL Challenge 1

Challenge 1 - Steve's Car Showroom



Introduction

Steve runs a top-end car showroom but his data analyst has just quit and left him without his crucial insights. Can you analyse the following data to provide him with all the answers he requires?

Tables

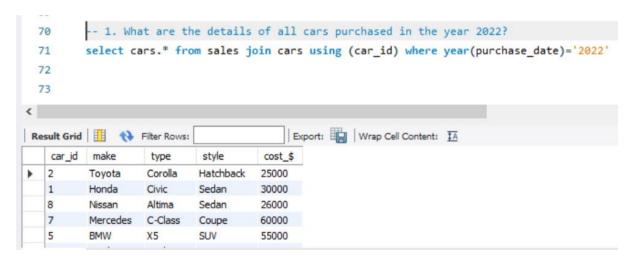
Here are the tables you will be using

sales salesman_id purchase_date car_id cars 2021-01-01 car_id make type cost_\$ 3 3 2021-02-03 Civic 2 2021-02-10 25000 Toyota Corolla Hatchback 2021-03-01 Ford Explorer SUV 40000 2021-04-02 55000 BMW SUV 2021-05-05 Audi Α4 Sedan 48000 2021-06-07 C-Class Coupe 60000 2021-07-09 5 3 2 4 2022-01-01 10 2022-02-03 11 2022-02-1salespersons 2022-03-01 2022-04-02 salesman_id name city age 2022-05-05 14 John Smith 28 New York 15 4 2022-06-07 Emily Wong 35 San Fran 2022-07-09 3 Tom Lee 42 Seattle 2023-01-01 Lucy Chen 31 2023-02-03 19 2023-02-10

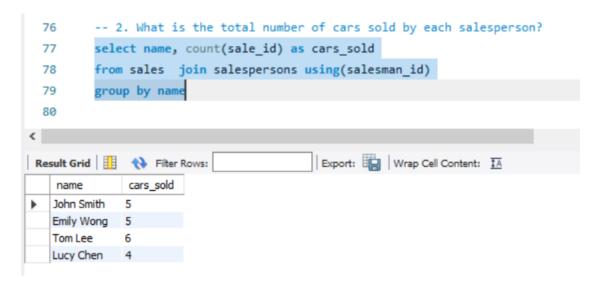
2023-03-01

1. What are the details of all cars purchased in the year 2022?

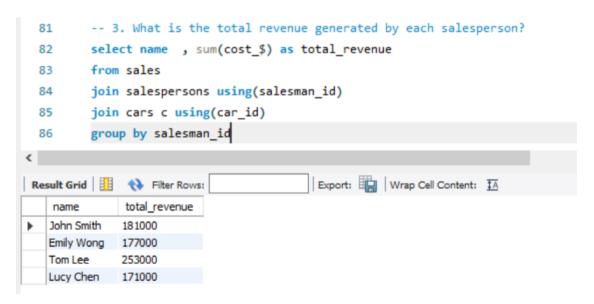
20



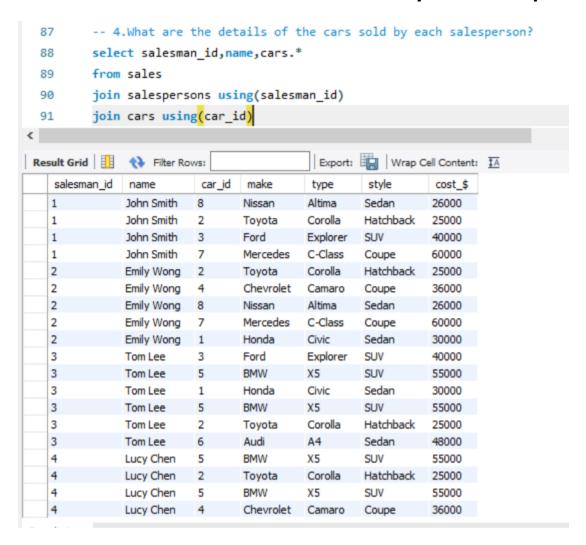
2. What is the total number of cars sold by each salesperson?



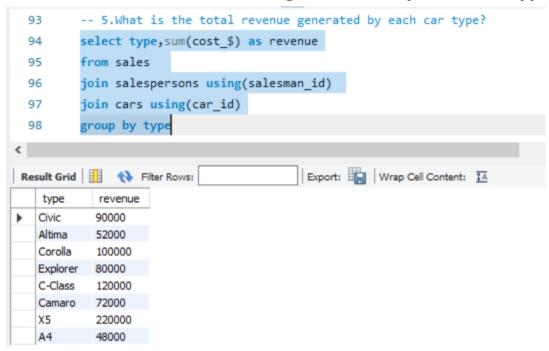
3. What is the total revenue generated by each salesperson?



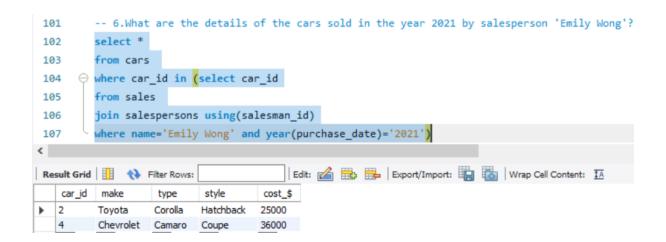
4. What are the details of the cars sold by each salesperson?



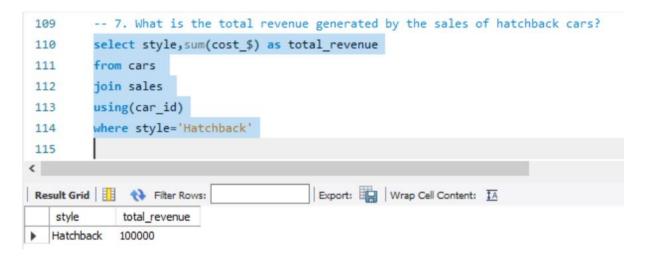
5. What is the total revenue generated by each car type?



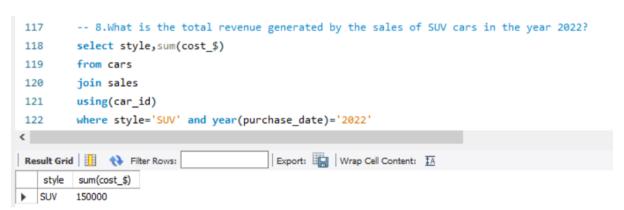
6. What are the details of the cars sold in the year 2021 by salesperson 'Emily Wong'?



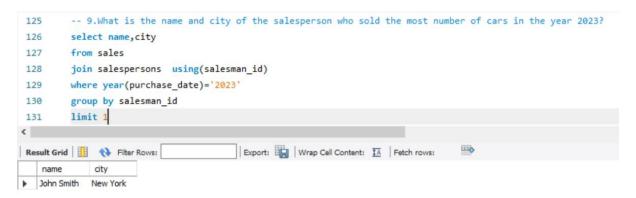
7. What is the total revenue generated by the sales of hatchback cars?



8. What is the total revenue generated by the sales of SUV cars in the year 2022?



9. What is the name and city of the salesperson who sold the most number of cars in the year 2023?



10. What is the name and age of the salesperson who generated the highest revenue in the year 2022?

