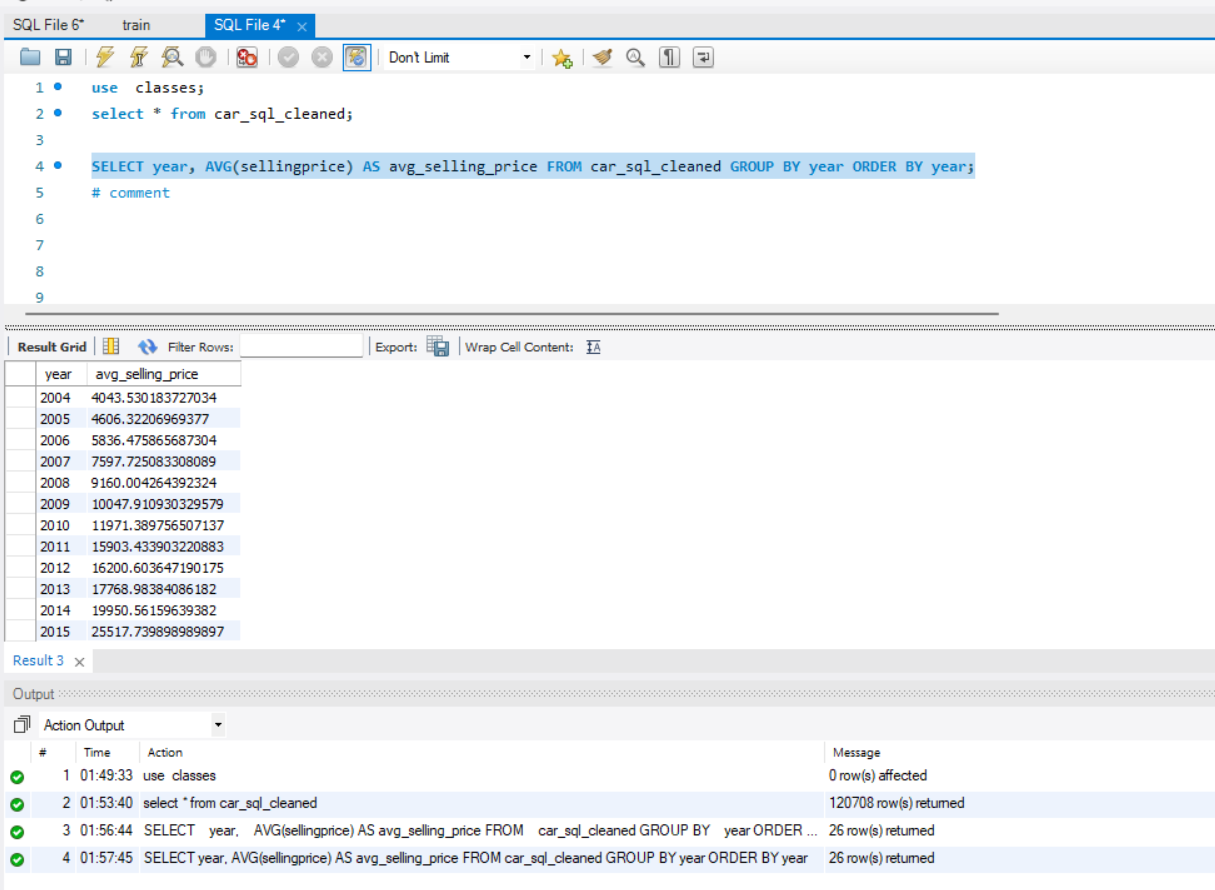
# **SQL Queries for car sales data analysis**

Question 1 : Average Selling price by Year

Sol : SELECT year, AVG(sellingprice) AS avg\_selling\_price FROM car\_sql\_cleaned GROUP BY year ORDER BY year;



Question 2: Top 5 selling models by count

Solution : SELECT model, COUNT(\*) AS count FROM car\_sql\_cleaned GROUP BY model ORDER BY count DESC LIMIT 5;

A screenshot of a computer

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Question 3: Average Odometer reading by transmission type

Solution : SELECT transmission, AVG(odometer) AS avg\_odometer FROM car\_sql\_cleaned GROUP BY transmission;

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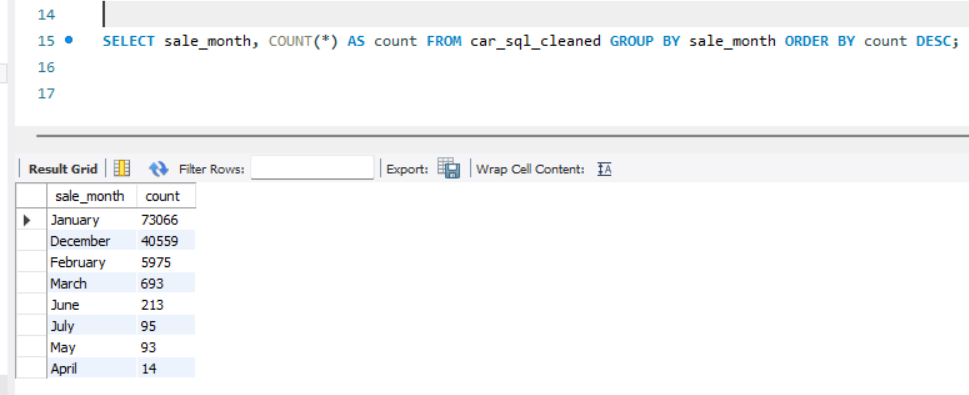
Question 4 : Sales of Each state

Solution : SELECT state, COUNT(\*) AS count FROM car\_sql\_cleaned GROUP BY state ORDER BY count DESC;



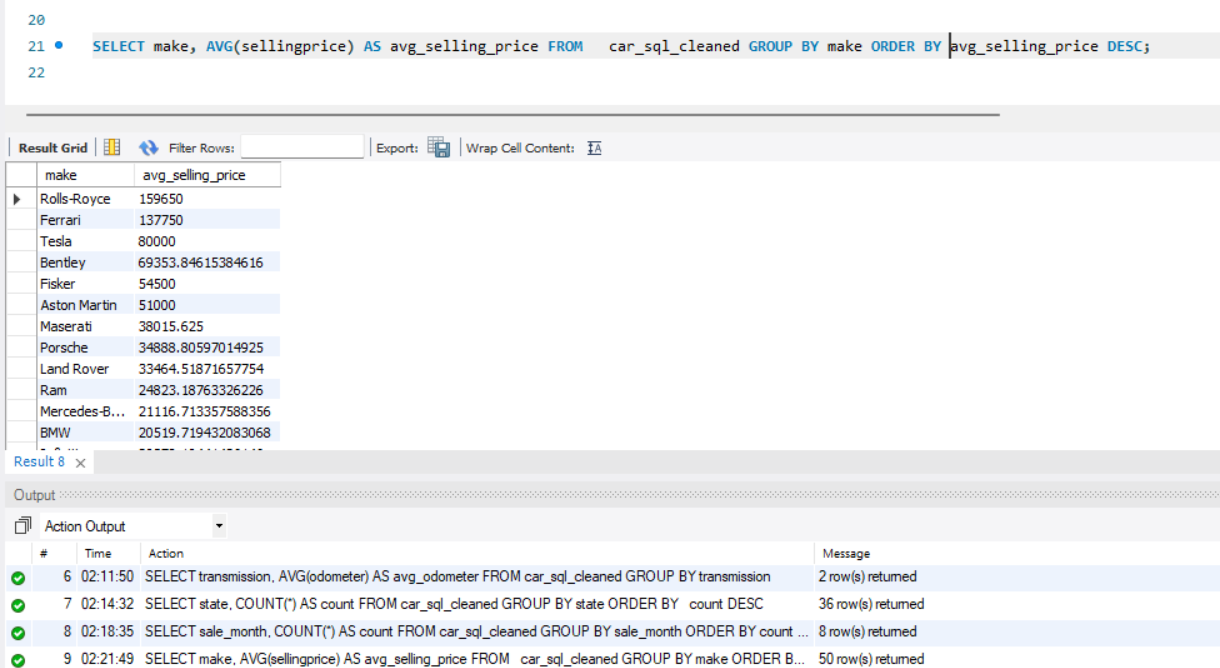
Question 5 : Number of sales of Each Month

Solution: SELECT sale\_month, COUNT(\*) AS count FROM car\_sql\_cleaned GROUP BY sale\_month ORDER BY count DESC;



Question 6 : Average selling price by manufacturer

Solution : SELECT make, AVG(sellingprice) AS avg\_selling\_price FROM car\_sql\_cleaned GROUP BY make ORDER BY avg\_selling\_price DESC;



Question 7 : Top 5 trim level by count

Solution :

SELECT trim, COUNT(\*) AS count FROM car\_sql\_cleaned GROUP BY trim ORDER BY count DESC LIMIT 5;

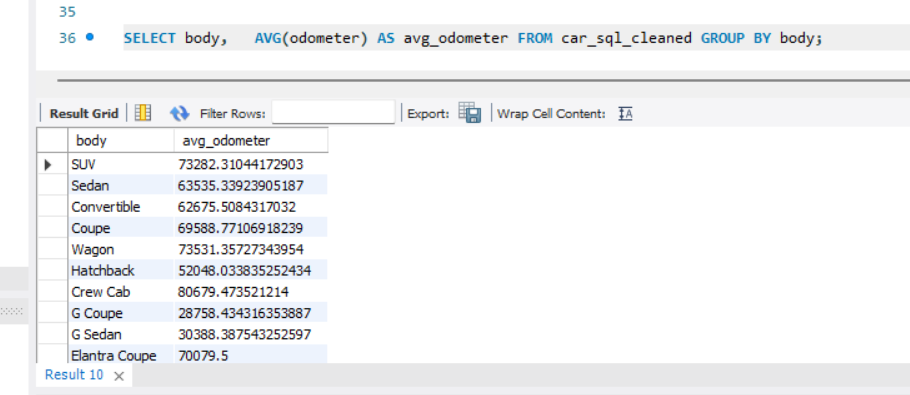
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Question 8 : Average Odometer reading of each body type

Solution :

SELECT body, AVG(odometer) AS avg\_odometer FROM car\_sql\_cleaned GROUP BY body;



Question 9 : Sales of each interior car

Solution : SELECT interior, COUNT(\*) AS count FROM car\_sql\_cleaned GROUP BY interior ORDER BY count DESC;

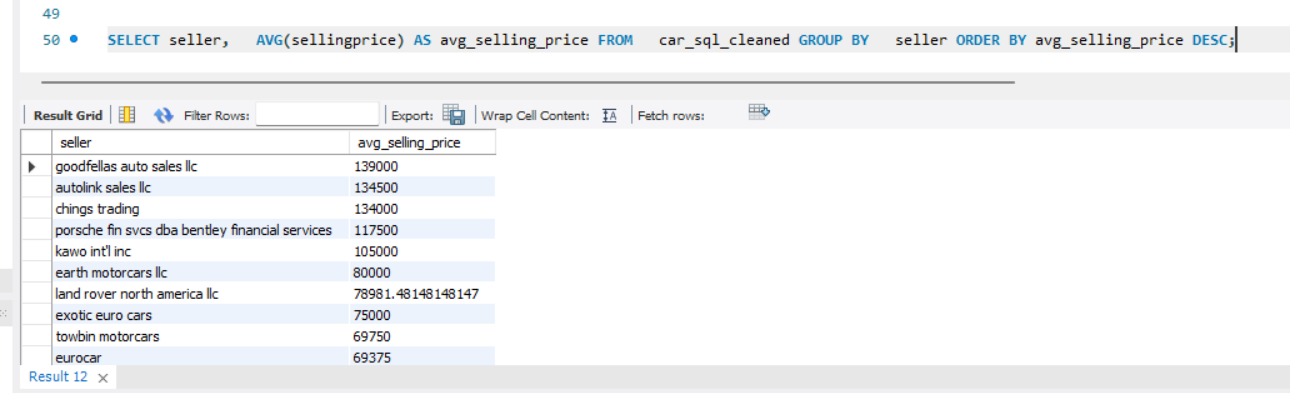
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Question 10 : Average sales done by each seller

Solution :

SELECT seller, AVG(sellingprice) AS avg\_selling\_price FROM car\_sql\_cleaned GROUP BY seller ORDER BY avg\_selling\_price DESC;



By :

Rahul Kumar (9871454372)