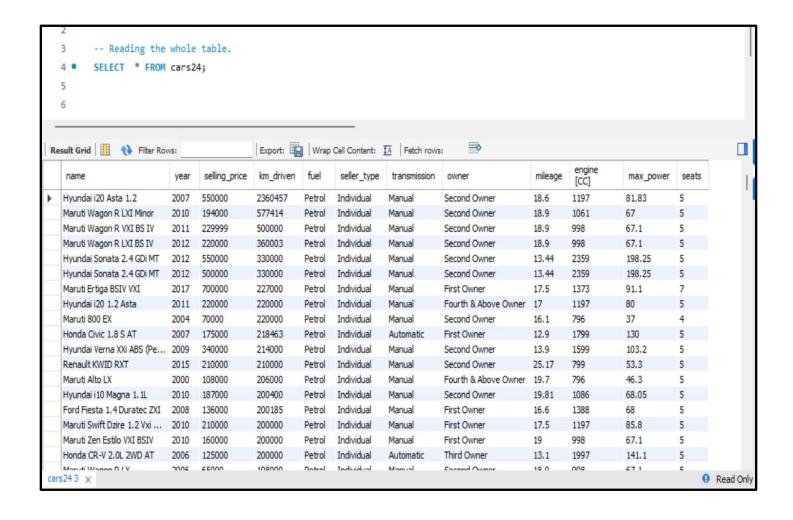




SELECT * FROM cars24;

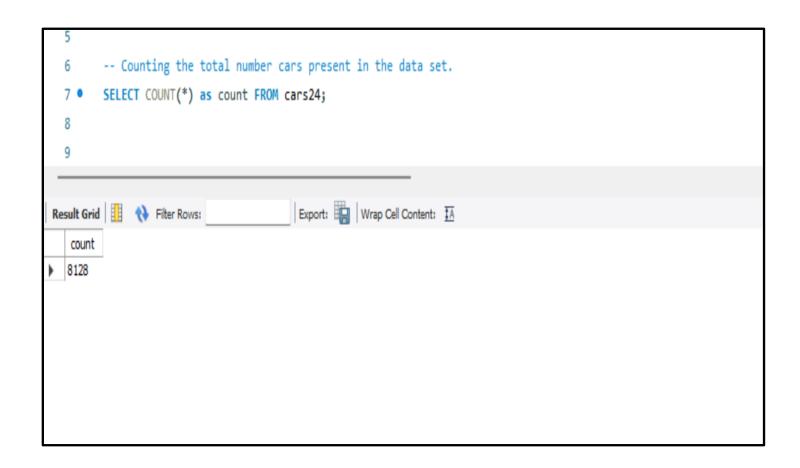
This query returns the result set of records in rows and columns from table 'cars24'. It provides insight into all the fields and records in the table.



Counting the total number of cars present in the data set.

SELECT COUNT(*) AS Count FROM cars24;

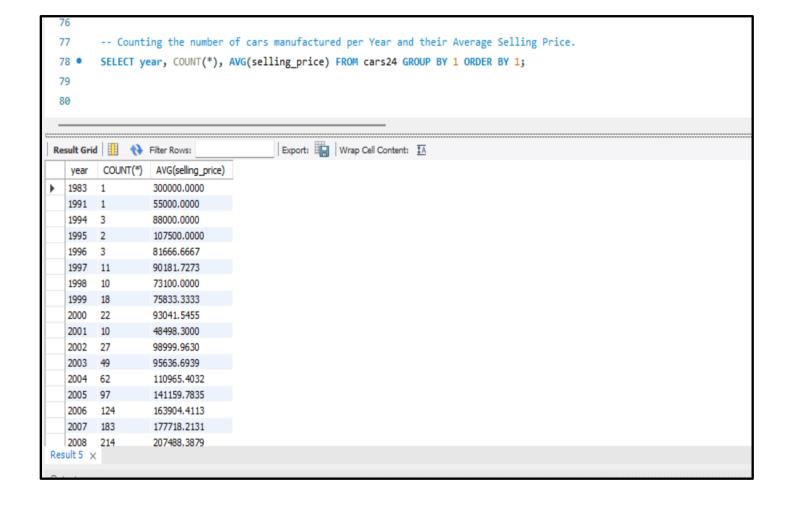
This query returns the count of the rows from table 'cars24'. It shows the number of car records present in the table.



Counting the number of cars Sold by each Seller type.

SELECT seller_type, COUNT(*) AS count FROM cars24 GROUP BY seller_type;

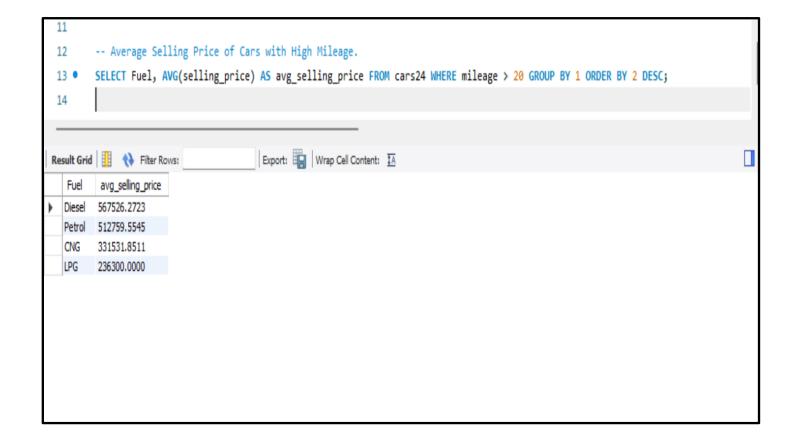
This query provides insight into the distribution of cars sold based on the type of seller. It shows the total number of cars sold by individual sellers, dealers, and Trustmark dealers.





SELECT fuel, AVG(selling_price) AS avg_selling_price FROM cars24 WHERE mileage > 20 GROUP BY 1 ORDER BY 2 DESC;

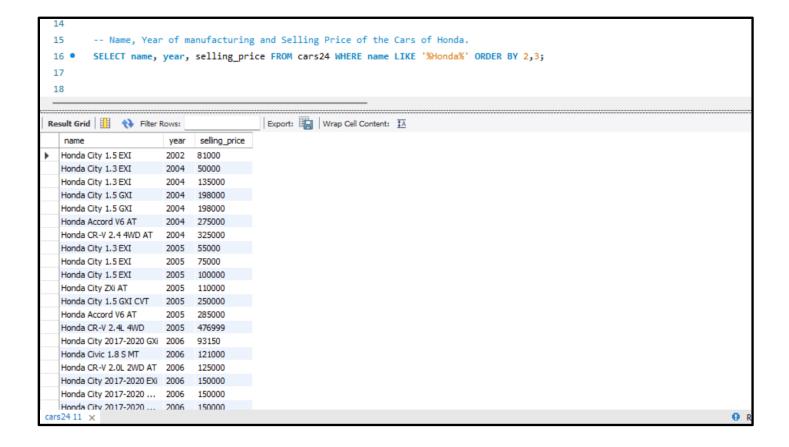
This query calculates the average selling price of cars with a mileage of more than 20 kilometers per liter. It provides insight into the price range of fuel-efficient cars.



Name, Year of manufacturing and Selling Price of the cars of Honda.

SELECT name, year, selling_price FROM cars24 WHERE name LIKE '%Honda%' ORDER BY 2,3;

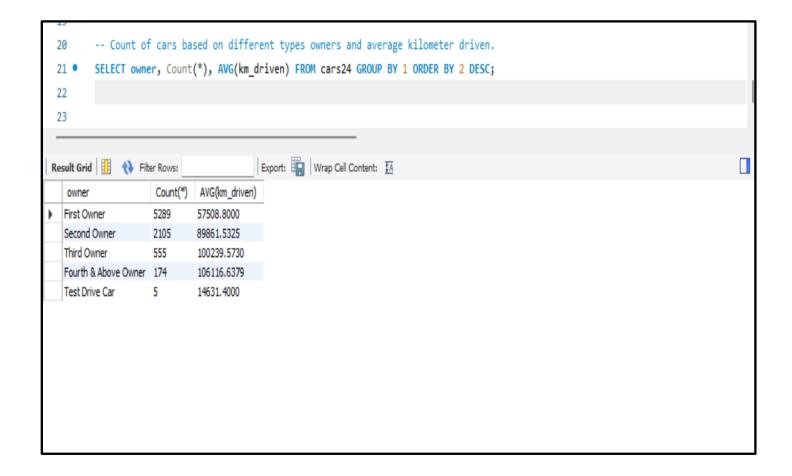
This query returns the name, manufacturing year and selling price of cars which includes Honda in their name. It shows the selling price of cars of Honda based on year.



Count of cars based on different types of owners and Average Kilometer Driven.

SELECT owner, Count(*), AVG(km_driven) FROM cars24 GROUP BY 1 ORDER BY 2 DESC;

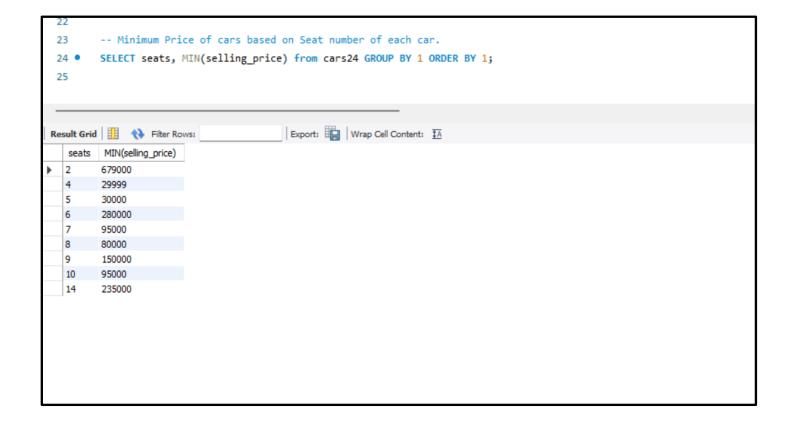
This query returns the count of cars based on owner type along with average kilometer driven by the cars. It provides insight into the number of cars owned by each owner type and the average distance covered by the cars.



Calculating Minimum Selling Price based on the number of Seats.

SELECT seats, MIN(selling_price) FROM cars24 GROUP BY 1 ORDER BY 1;

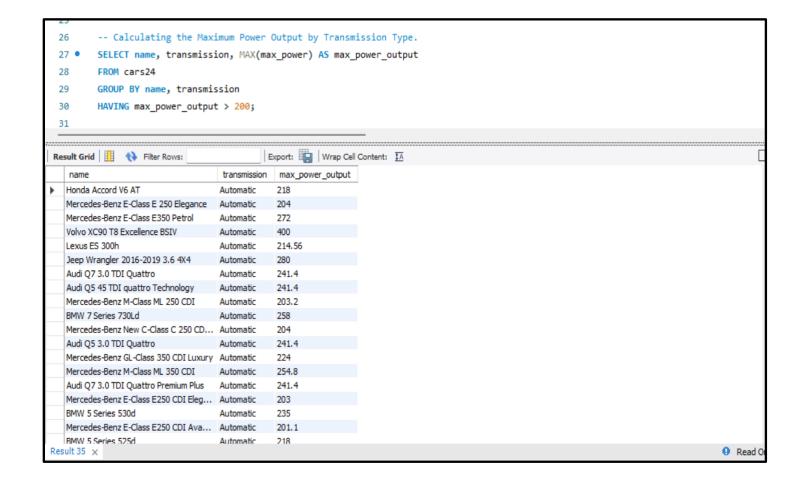
This query calculates the minimum selling price on the basis of the number of seats present in the cars. It provides insight into the minimum price of the cars based on the count of seats present in the cars.



Calculating the Maximum Power Output by Transmission Type.

SELECT name, transmission, MAX(max_power) AS max_power_output FROM cars24 GROUP BY name, transmission HAVING max_power_output > 200;

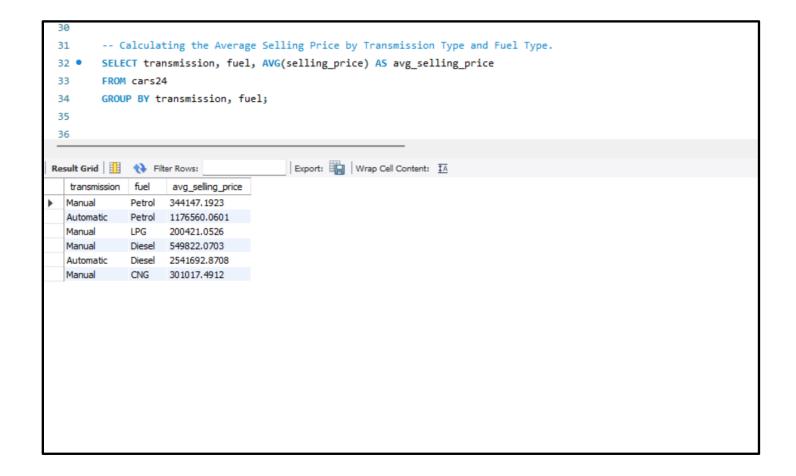
This query returns the name and transmission type of the cars with a maximum power output of more than 200. It provides insight into the transmission type of the cars having high power output.



Calculating the Average Selling Price by Transmission Type and Fuel Type.

SELECT transmission, fuel, AVG(selling_price) AS avg_selling_price FROM cars24 GROUP BY transmission, fuel;

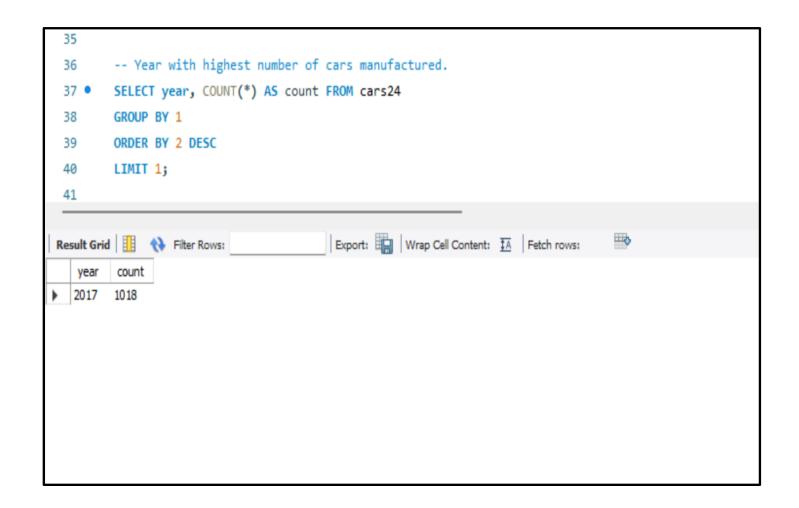
This query calculates the average selling price for cars based on both the transmission type and fuel type. It provides insight into the price variation based on the combination of these two factors.



Year with Highest Count of cars manufactured.

SELECT year, COUNT(*) AS count FROM cars24 GROUP BY 1 ORDER BY 2 DESC LIMIT 1;

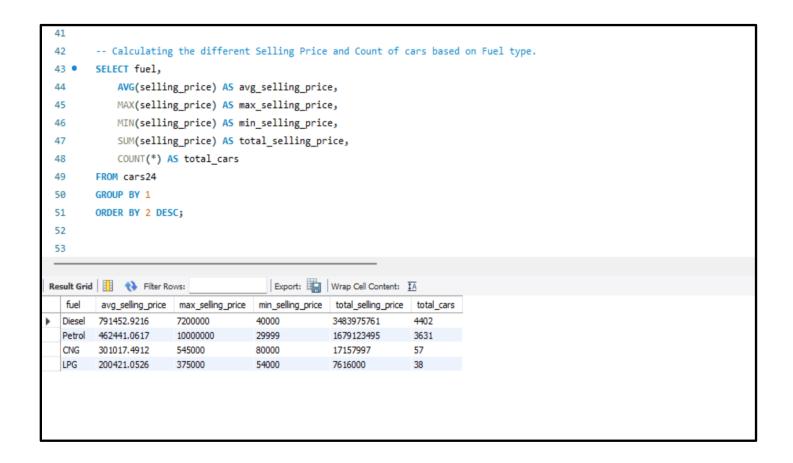
This query provides insight into the year in which the production of the cars was highest. It shows the year with the highest total number of cars.



Calculating the different Selling Price and Count of cars based on Fuel type.

SELECT fuel, AVG(selling_price) AS avg_selling_price, MAX(selling_price) AS max_selling_price, MIN(selling_price) AS min_selling_price, SUM(selling_price) AS total_selling_price, COUNT(*) AS total_cars FROM cars24 GROUP BY 1 ORDER BY 2 DESC;

This query calculates the average, maximum, minimum and total selling price, and the count of cars based on the fuel type. It provides insight into the price variation and number of cars based on the fuel type.



Count of cars having High Engine [CC]

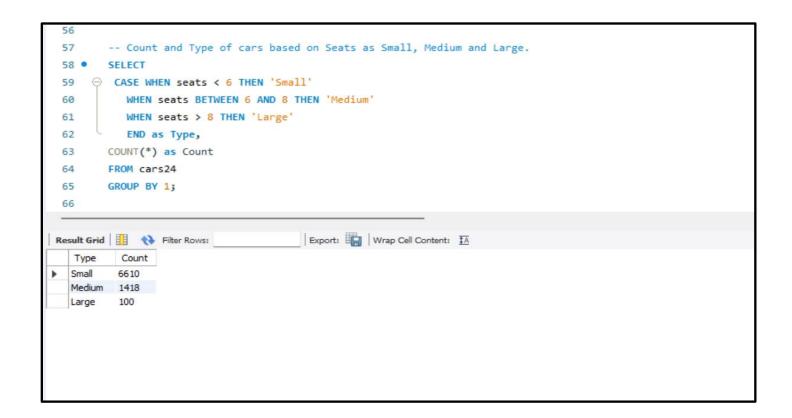
```
SELECT COUNT(*) cars_count FROM (SELECT distinct name FROM cars24 where (`engine [CC]`)>2000;) as a;
```

This query returns the count of the cars with engine of more than 2000 CC. It provides the insight into the count of cars with high engine CC.

Count and Type of cars based on Seats as Small, Medium and Large.

SELECT CASE WHEN seats < 6 THEN 'Small' WHEN seats BETWEEN 6 AND 8 THEN 'Medium' WHEN seats > 8 THEN 'Large' END as Type, COUNT(*) as Count FROM cars24 GROUP BY 1;

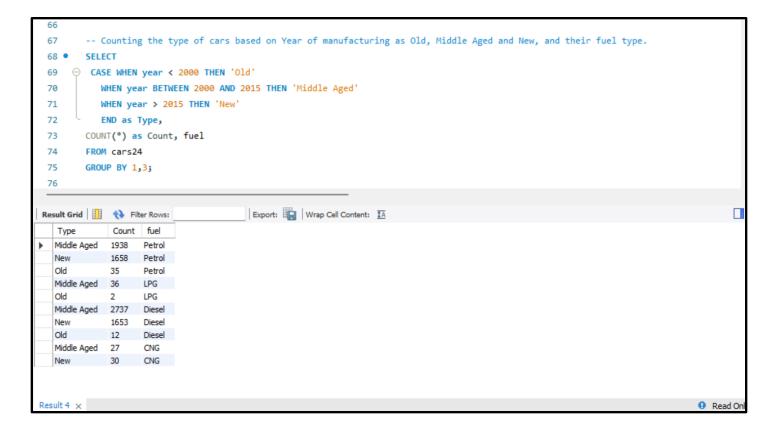
This query returns the type (small, medium and large) and count of cars based on the number of seats. It provides the insight into the count of size category of cars with different number of seats.



Counting the type of cars based on Year of manufacturing as Old, Middle Aged and New, and their fuel type.

SELECT CASE WHEN year < 2000 THEN 'Old' WHEN year BETWEEN 2000 AND 2015 THEN 'Middle Aged' WHEN year > 2015 THEN 'New' END as Type, COUNT(*) as Count, fuel FROM cars24 GROUP BY 1,3;

This query returns the type (old, middle aged and new) and count of cars based on the year of manufacturing. It provides the insight into the count of cars of different age category and their fuel type.



Counting the number of cars Sold by each Seller type.

SELECT seller_type, COUNT(*) AS count FROM cars24 GROUP BY seller_type;

This query provides insight into the distribution of cars sold based on the type of seller. It shows the total number of cars sold by individual sellers, dealers, and Trustmark dealers.

