Future
Connect
Media

Part of **Future Connect Media's**
IT Course

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Topics to be covered:

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SQL Project : Second Hand Car Dealer

Project Requirements

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Project Name: Second Hand Car Dealer

Requirements are mentioned below.

1) Read Cars Data
2) Total Cars: To get a count of total records.
3) The Client asked me to show, how many cars will be available in 2023?
4) The Client asked me to show, how many cars is available in 2020,2021,2022?
5) Client asked me to print the totals of all cars by year. I don't see all the details.
6) Client asked to car dealer agent, how many diesel cars will there be in 2020?
7) How many petrol cars will be there in 2020?
8) Give a print of all the fuels cars (petrol, diesel, and CNG) come by all years?
9) Were more than 100 cars in a given year, which year had more than 100 cars?
10) Count All cars details between 2015 and 2023 need a complete list?
11) All cars details between 2015 to 2023, need complete list?

NOTE: Data Set will be provided in csv file.

Read Cars Data

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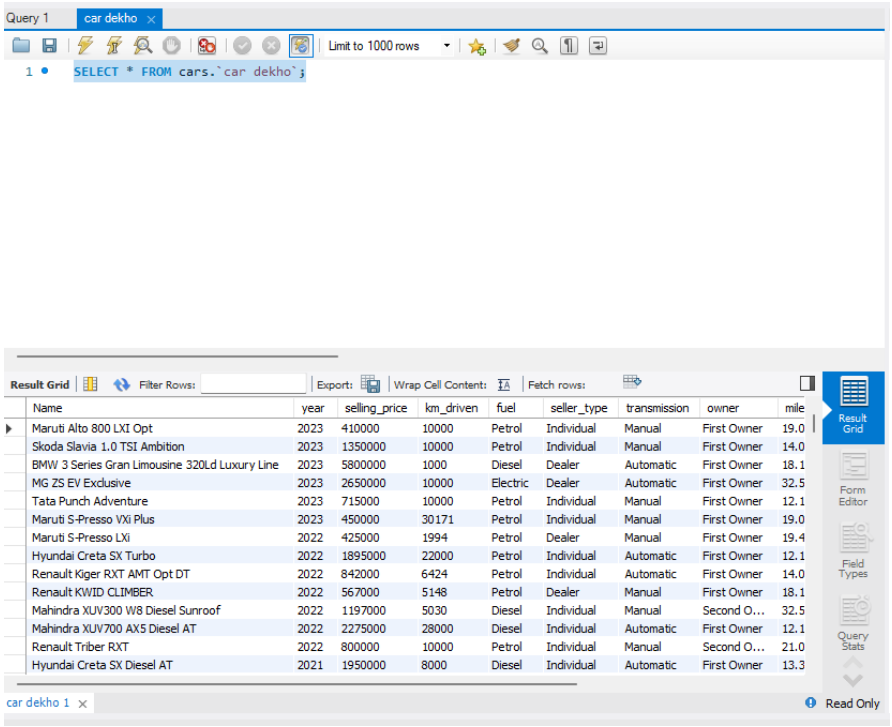
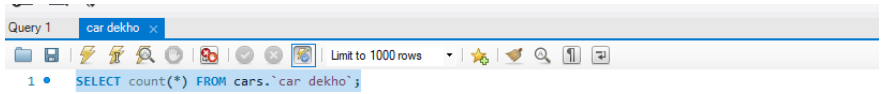
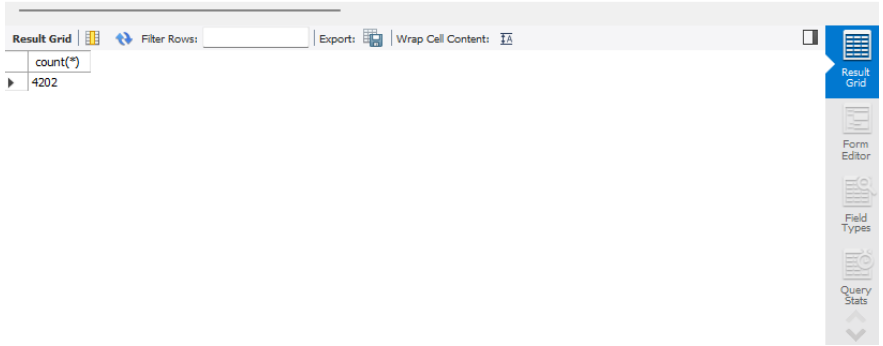
```
Use cars;
-- READ DATA -- # comments
SELECT * FROM cars.`car dekho`;
```



Totals Cars

-- Total Cars: To get a count of total records --
SELECT count(*) FROM cars.`car dekho`;





How many cars will be available in 2023?

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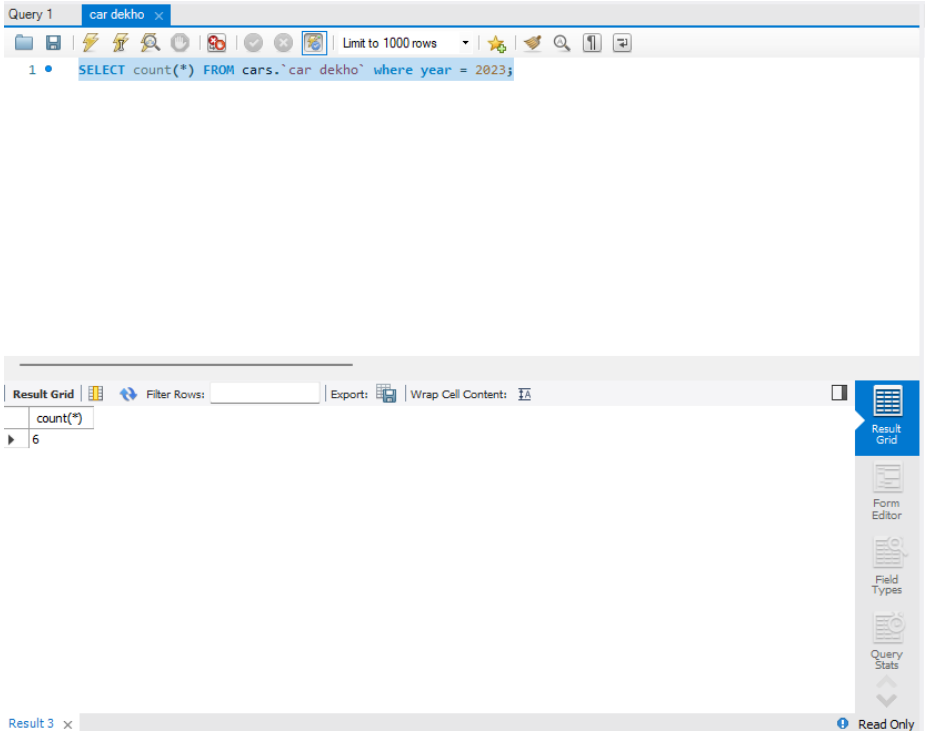
-- How many cars will be available in 2023?--
SELECT count(*) FROM cars.`car dekho` where year = 2023;



How many cars is available in 2020,2021,2022?

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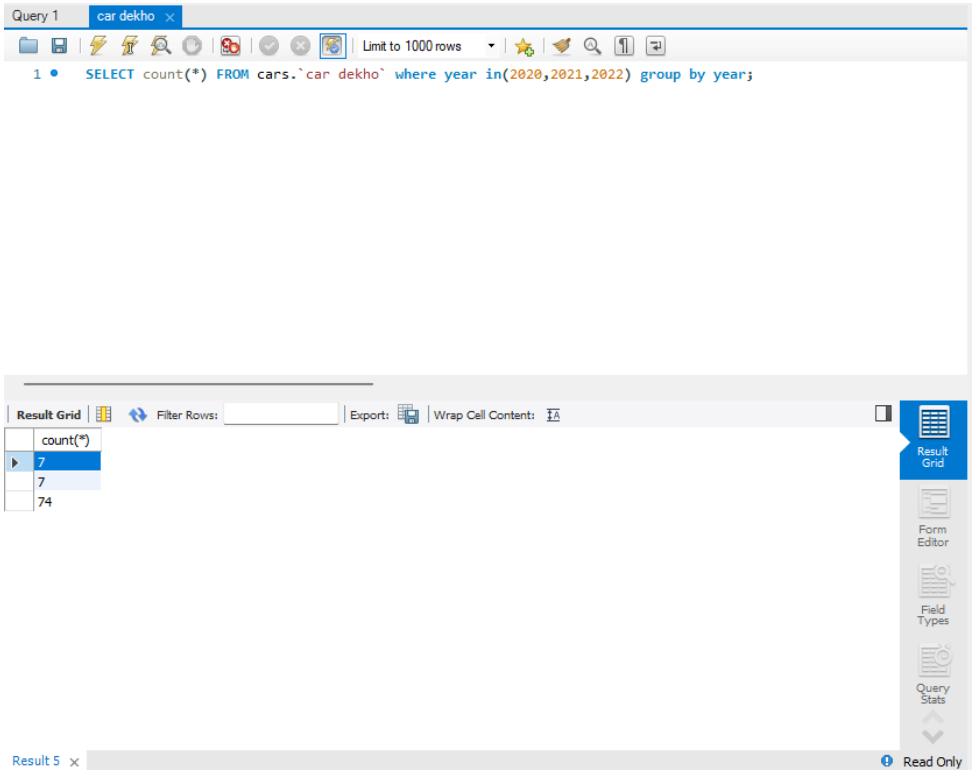
--How many cars is available in 2020,2021,2022--
SELECT count(*) FROM cars.`car dekho` where year in(2020,2021,2022) group by year;



Print the totals no of all cars by year

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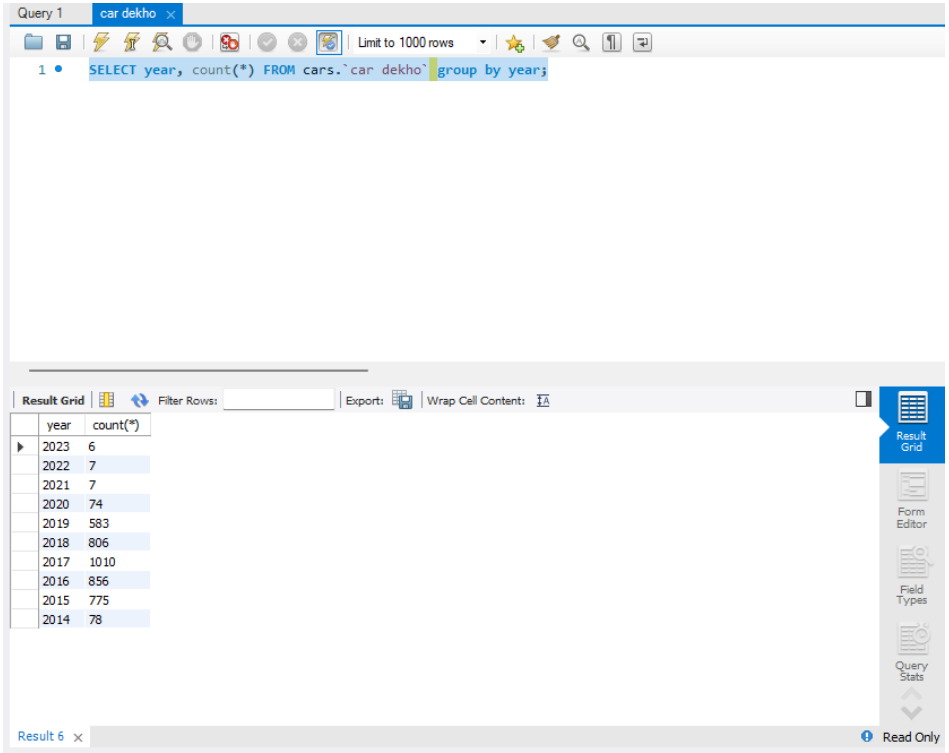
-- Print the totals no of all cars by year--
SELECT year, count(*) FROM cars.`car dekho` group by year;



How many diesel cars will there be in 2020?

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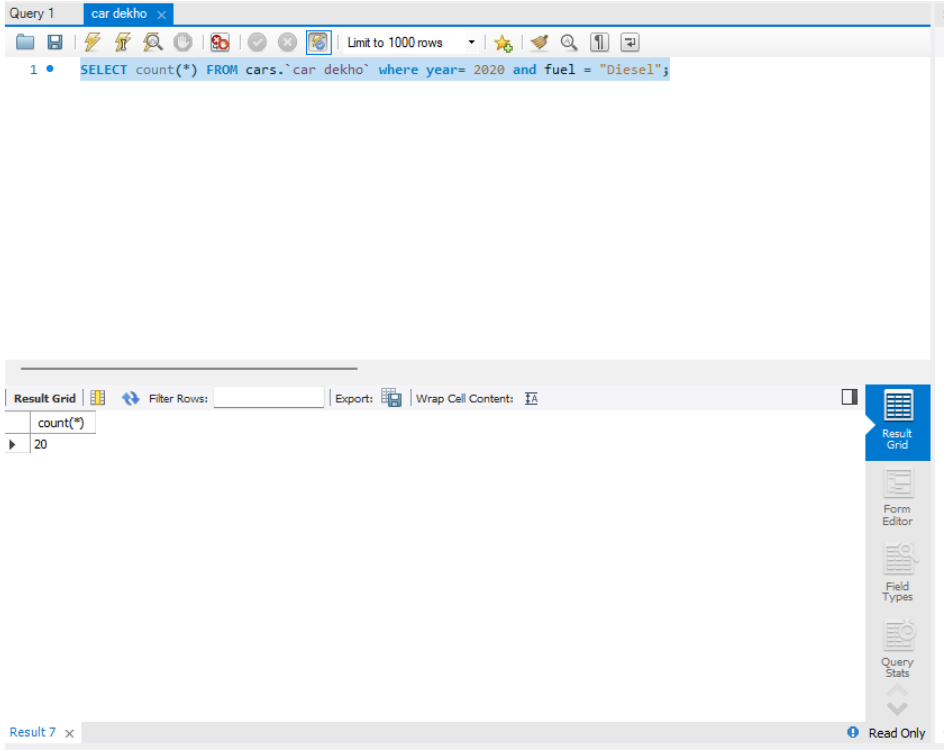
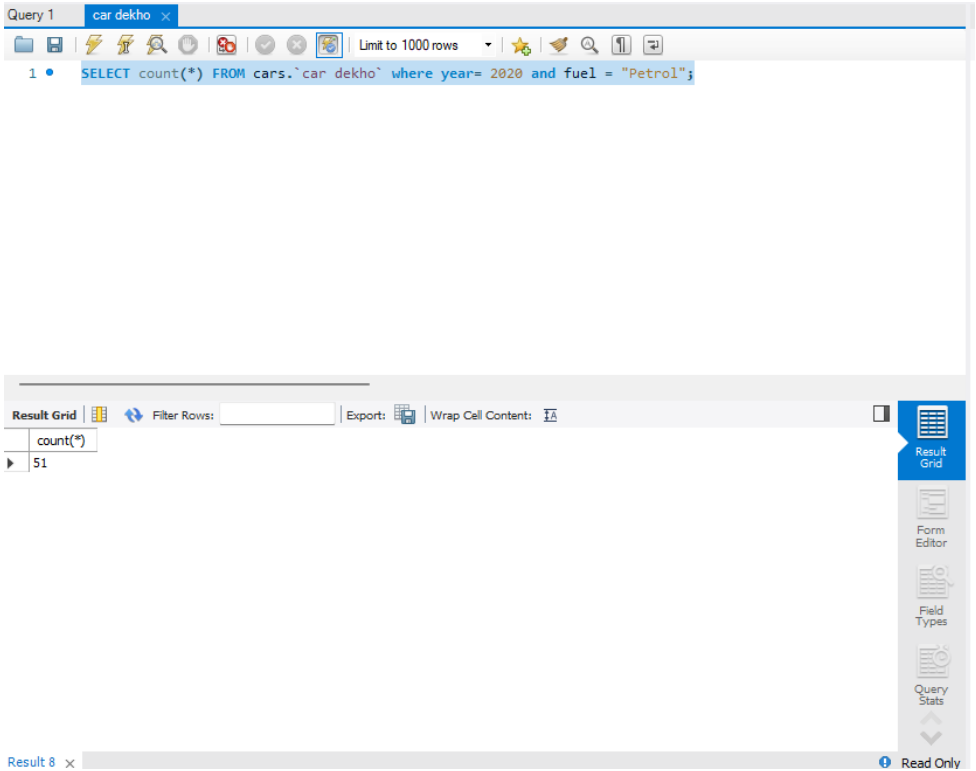
-- How many diesel cars will be there in 2020?--
SELECT count(*) FROM cars.`car dekho` where year= 2020 and fuel = "Diesel";



How many petrol cars will be there in 2020?

SELECT count(*) FROM cars.`car dekho` where year= 2020 and fuel = "Petrol";



Print all fuels cars come by all year

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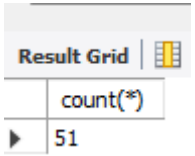
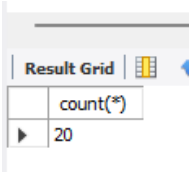
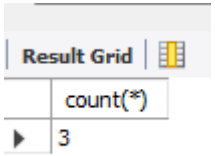
Select year, count(*) from car_dekho where fuel = “Petrol” group by year;



Select year, count(*) from car_dekho where fuel = “Diesel” group by year;

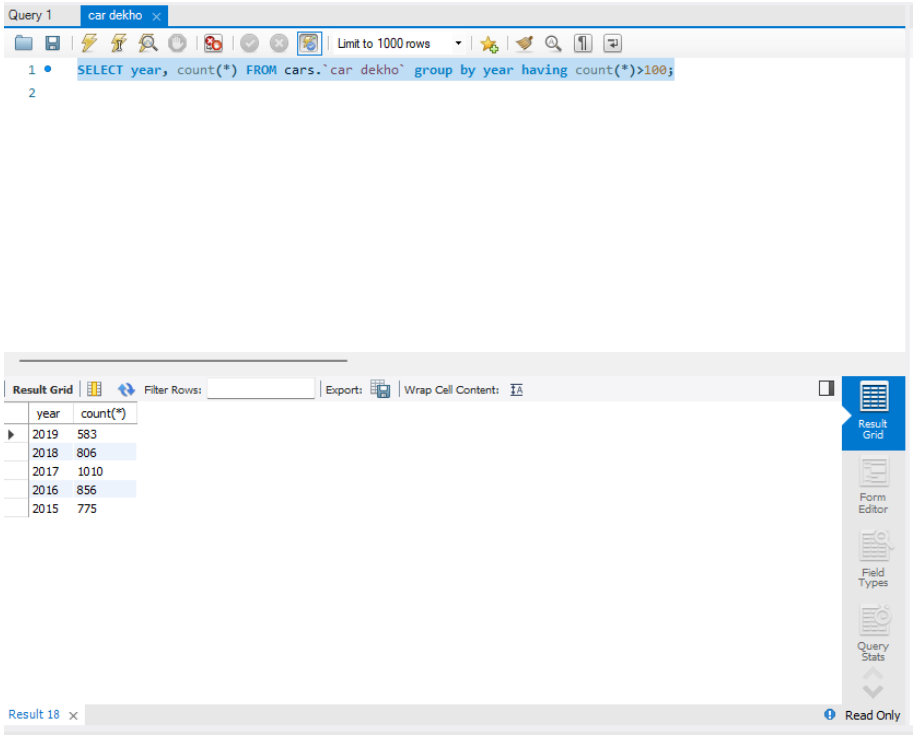


Select year, count(*) from car_dekho where fuel = “CNG” group by year;



More than 100 cars

SELECT year, count(*) FROM cars.`car dekho` group by year having count(*)>100;



Car count details between 2015 and 2023

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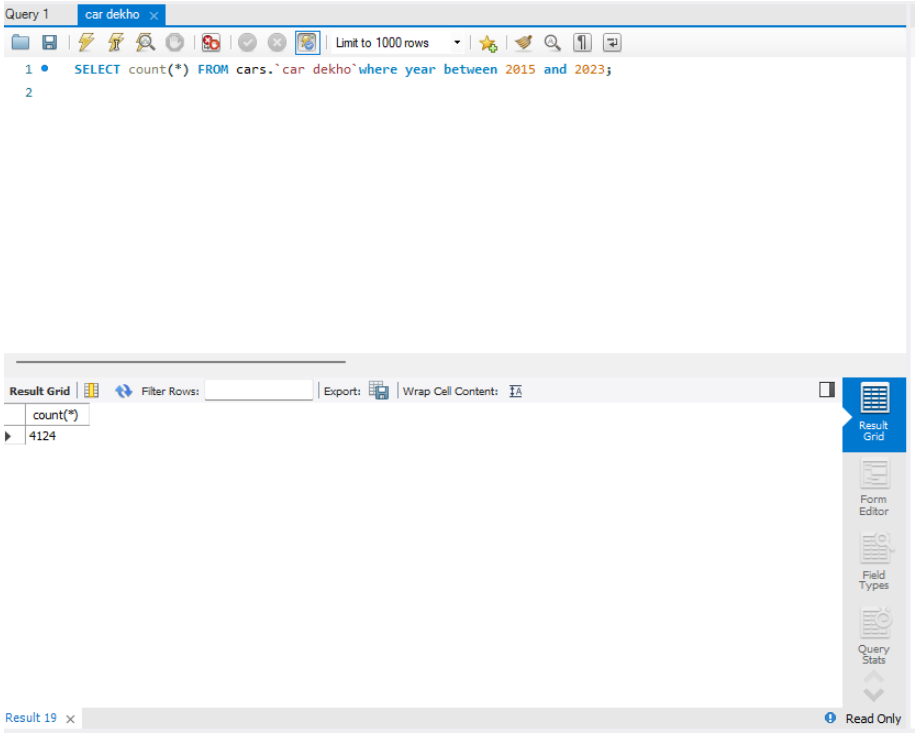
Select count(*) from car_dekho where year between 2015 and 2023;



Need complete list of all cars between 2015 and 2023

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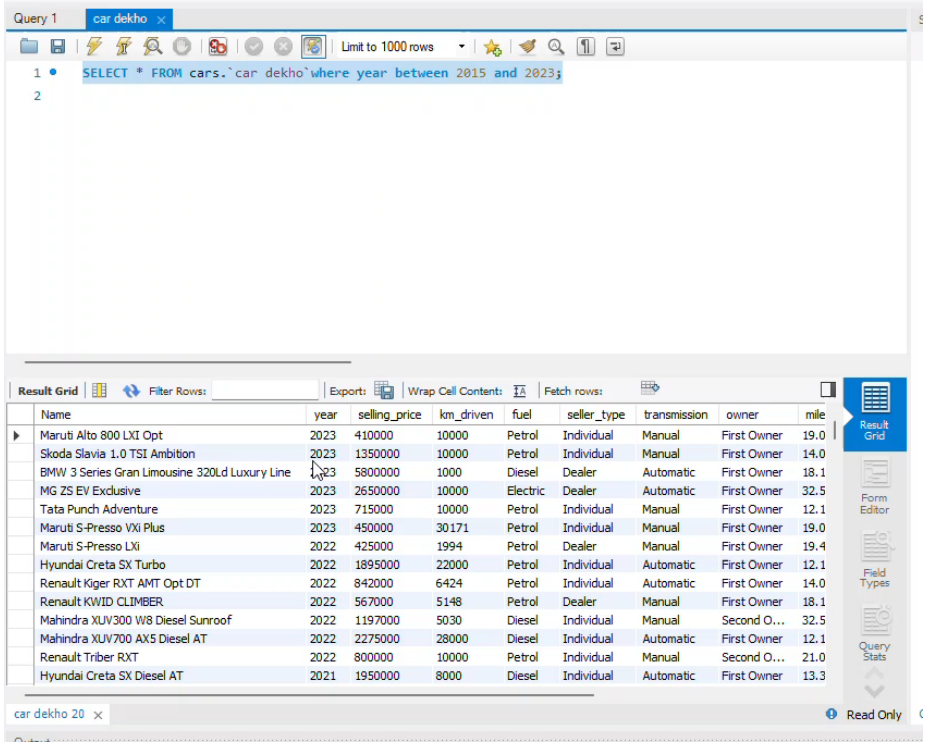
Select * from car_dekho where year between 2015 and 2023;



Name	year	selling_price	km_driven	fuel	seller_type	transmission	owner	mile
Maruti Alto 800 LXI Opt	2023	410000	10000	Petrol	Individual	Manual	First Owner	19.0
Skoda Slavia 1.0 TSI Ambition	2023	1350000	10000	Petrol	Individual	Manual	First Owner	14.0
BMW 3 Series Gran Limousine 320Ld Luxury Line	2023	5800000	1000	Diesel	Dealer	Automatic	First Owner	18.1
MG ZS EV Exclusive	2023	2650000	10000	Electric	Dealer	Automatic	First Owner	32.5
Tata Punch Adventure	2023	715000	10000	Petrol	Individual	Manual	First Owner	12.1
Maruti S-Presso VXi Plus	2023	450000	30171	Petrol	Individual	Manual	First Owner	19.0
Maruti S-Presso LXi	2022	425000	1994	Petrol	Dealer	Manual	First Owner	19.4
Hyundai Creta SX Turbo	2022	1895000	22000	Petrol	Individual	Automatic	First Owner	12.1
Renault Kiger RXT AMT Opt DT	2022	842000	6424	Petrol	Individual	Automatic	First Owner	14.0
Renault KWID CLIMBER	2022	567000	5148	Petrol	Dealer	Manual	First Owner	18.1
Mahindra XUV300 W8 Diesel Sunroof	2022	1197000	5030	Diesel	Individual	Manual	Second O...	32.5
Mahindra XUV700 AX5 Diesel AT	2022	2275000	28000	Diesel	Individual	Automatic	First Owner	12.1
Renault Triber RXT	2022	800000	10000	Petrol	Individual	Manual	Second O...	21.0
Hyundai Creta SX Diesel AT	2021	1950000	8000	Diesel	Individual	Automatic	First Owner	13.3

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THANK YOU

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Website: https://www.fctraining.co.uk/