



CAR DEKHO

SECOND HAND CAR DEALER



INTRODUCTION

The Car Dekho project is a comprehensive data analysis initiative designed to leverage the capabilities of MySQL for managing and analyzing automotive data. This project involves organizing, querying, and analyzing data stored in a MySQL database to generate meaningful reports and visualizations. Data Organization, Fuel Type Distribution & Market Insights.

TOTAL CARS: TO GET COUNT OF TOTAL RECORDS

SELECT

COUNT(*)

FROM

car_dekho;

Result Grid	
	count(*)
	7927



THE MANAGER ASKED THE EMPLOYEE HOW MANY CARS WILL BE AVAILABLE IN 2023

```
SELECT  
    COUNT(*)  
FROM  
    car_dekho  
WHERE  
    year = 2023;
```



Result Grid	
	count(*)
▶	6

THE MANAGER ASKED EMPLOYEE HOW MANY CARS AVAILABLE IN 2020,2021,2022



```
SELECT  
    COUNT(*)  
FROM  
    car_dekho  
WHERE  
    year IN (2020 , 2021, 2022)  
GROUP BY year;
```

Result Grid	
	count(*)
	7
	7
	74

CLIENT ASKED ME TO PRINT THE TOTAL OF CARS BY YEAR . I DONT SEE ALL THE DETAILS

```
SELECT  
    year, COUNT(*)  
FROM  
    car_dekho  
GROUP BY year;
```

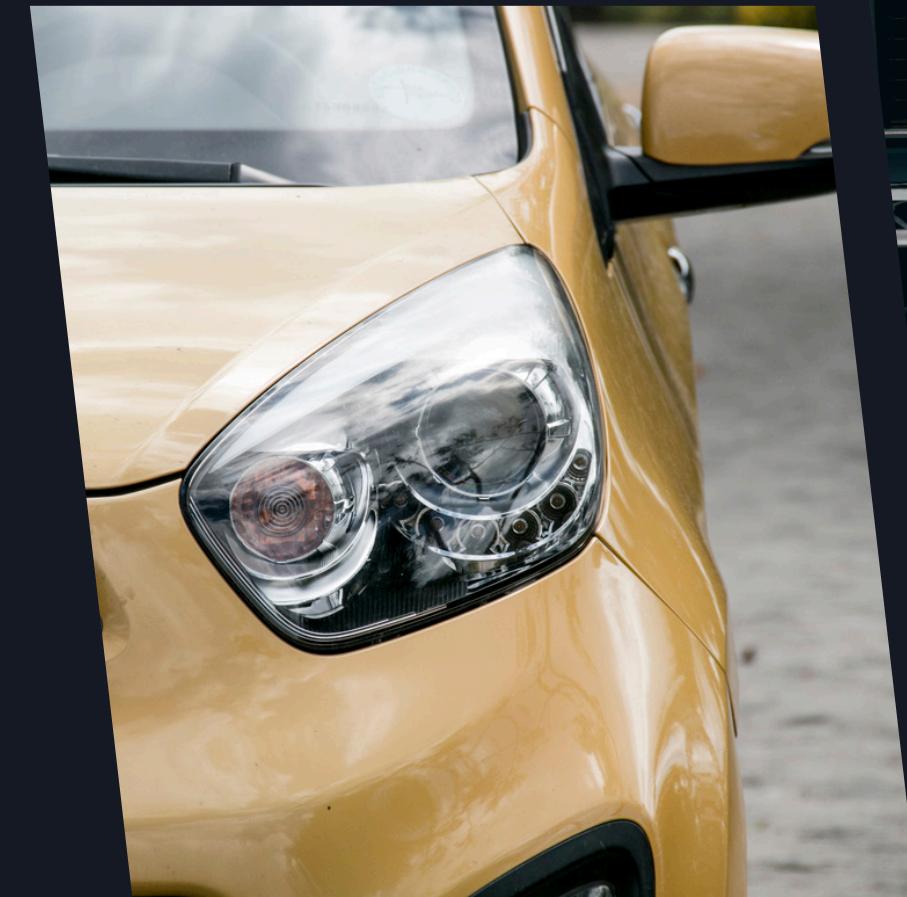
Result Grid	
	year
▶	2023 6
	2022 7
	2021 7
	2020 74
	2019 583



CLIENT ASKED TO CAR DEALER AGENT HOW MANY DIESEL CAR WILL THERE BE IN 2020

```
SELECT  
    COUNT(*)  
FROM  
    car_dekho  
WHERE  
    year = 2020 AND Fuel = 'Diesel';
```

Result Grid	
	count(*)
	20



CLIENT REQUESTED A CAR DEALER AGENT HOW MANY PETROL CARS WILL BE THERE IN 2020



SELECT

COUNT(*)

FROM

car_dekho

WHERE

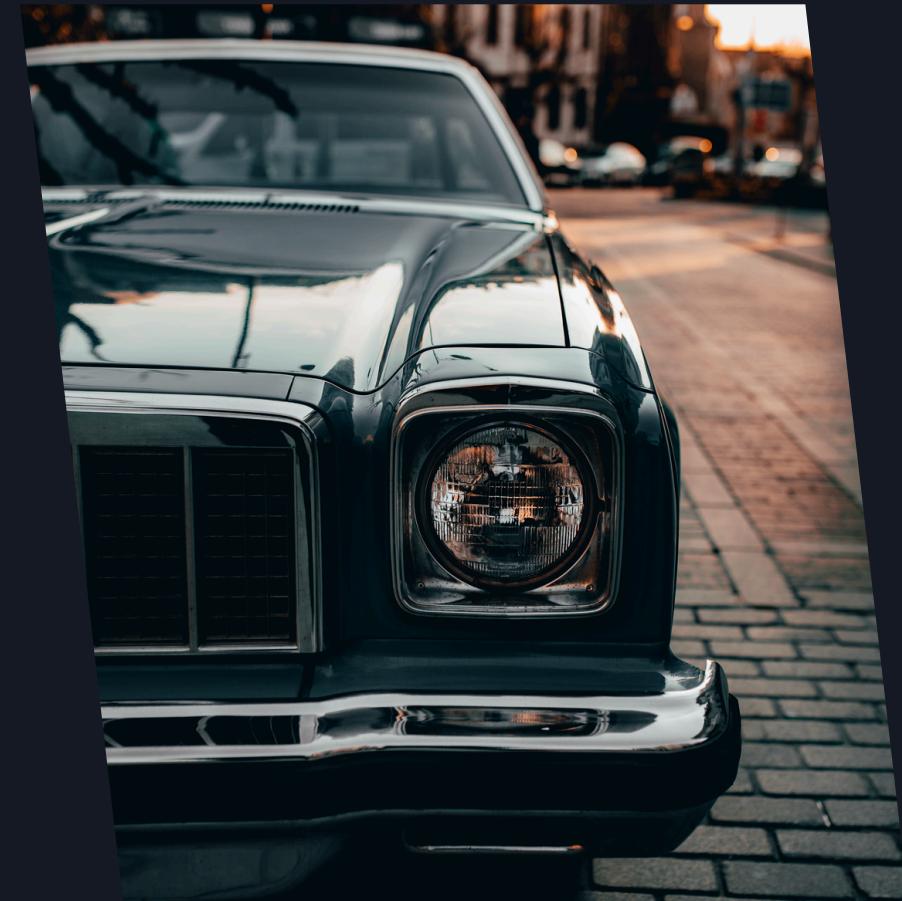
year = 2020 AND Fuel = 'Petrol';

Result Grid	
	COUNT(*)
→	51

THE MANAGER TOLD THE EMPLOYEE TO GIVE A PRINT ALL THE FUEL CARS (PETROL, DIESEL & CNG) COME BY ALL THE YEAR

```
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;
```

	year	count(*)
	2023	4
	2022	5
	2021	5
	2020	51
	2019	352



MANAGER SAID THERE WERE MORE THAN 100 CARS IN A GIVEN YEAR, WHICH YEAR HAD MORE THAN 100 CARS

```
SELECT year, COUNT(*)  
FROM car_dekho  
GROUP BY year  
HAVING COUNT(*) > 100;  
  
SELECT year, COUNT(*)  
FROM car_dekho  
GROUP BY year  
HAVING COUNT(*) < 50;
```

	year	COUNT(*)
▶	2023	6
	2022	7
	2021	7
	2003	37
	2002	19
	2001	6
	2000	16
	1999	14
	1998	9
	1997	6



THE MANAGER SAID TO THE EMPLOYEE ALL CARS COUNT DETAILS BETWEEN 2015 AND 2023. WE NEED COMPLET DETAILS

```
SELECT  
    COUNT(*)  
FROM  
    car_dekho  
WHERE  
    year BETWEEN 2015 AND 2023;
```

Result Grid	
	count(*)
	4124



THE MANAGER SAID TO THE EMPLOYEE ALL CARS DETAILS BETWEEN 2015 AND 2023 WE NEED COMPLETE DETAILS

```
SELECT *  
FROM car_dekho  
WHERE year BETWEEN 2015 AND 2023;
```



Name	year	selling_price	km_driven	fuel	seller_type	transmission	owner	mileage	engine	max_power	torque	seats
Maruti Alto 800 LXI Opt	2023	410000	10000	Petrol	Individual	Manual	First Owner	19.03 kmpl	999 CC	71.01bhp	96Nm	5
Skoda Slavia 1.0 TSI Ambition	2023	1350000	10000	Petrol	Individual	Manual	First Owner	14.08 kmpl	1956 CC	167.67bhp	350nm	5
BMW 3 Series Gran Limousine 320Ld Luxury Line	2023	5800000	1000	Diesel	Dealer	Automatic	First Owner	18.15 kmpl	998 CC	118.35bhp	172Nm	5
MG ZS EV Exclusive	2023	2650000	10000	Electric	Dealer	Automatic	First Owner	32.52 kmpl	998 CC	58.33bhp	78Nm	5
Tata Punch Adventure	2023	715000	10000	Petrol	Individual	Manual	First Owner	12.15 kmpl	1451 CC	141bhp	250Nm	5
Maruti S-Presso VXi Plus	2023	450000	30171	Petrol	Individual	Manual	First Owner	19.03 kmpl	999 CC	71.01bhp	96Nm	5
Maruti S-Presso LXi	2022	425000	1994	Petrol	Dealer	Manual	First Owner	19.47 kmpl	999 CC	113.98bhp	178Nm	5
Hyundai Creta SX Turbo	2022	1895000	22000	Petrol	Individual	Automatic	First Owner	12.15 kmpl	1997 CC	296.3bhp	400Nm	5
Renault Kiger RXT AMT Opt DT	2022	842000	6424	Petrol	Individual	Automatic	First Owner	14.08 kmpl	1956 CC	167.67bhp	350nm	5
Renault KWID CLIMBER	2022	567000	5140	Petrol	Dealer	Manual	First Owner	19.15 kmpl	999 CC	113.98bhp	172Nm	5