

# MYSQL PROJECT:- CAR DEALER

In this project I am using dataset named as car\_dekho to answer some of the questions mentioned below by using Basic sql queries on MYSQL .

## 1.Read cars data

First of all I created a schema named as cars. After that run a sql queries to read the data from the dataset.

```
create schema cars;
```

```
use cars;
```

```
-- Read Data --
```

```
select * from car_dekho;
```

## 2.Total cars: To get a count of total records.

```
select count(*) from car_dekho;
```

Total number of cars are 7927

## 3.The manager asked the employee how many cars are there in year 2023.

```
select count(*) from car_dekho where year = 2023;
```

In year 2023 only 6 cars are there.

**4.The manager asked the employee how many cars are available in 2020,2021,2022**

```
select count(*) from car_dekho where year = 2020;
```

In year 2020 74 cars were there.

```
select count(*) from car_dekho where year = 2021;
```

In year 2021 7 cars were there.

```
select count(*) from car_dekho where year = 2022;
```

In year 2022 7 cars were there.

Here we can write single queries or we can use **group by** clause

-using Group by –

```
select count(*) from car_dekho where year in (2020,2021,2022) group by year;
```

**5.Client asked to print total number of cars by year.**

```
select year,count(*) from car_dekho group by year ;
```

**6.How many diesel cars are there in year 2020?**

```
select count(*) from car_dekho where year= 2020 and fuel= "Diesel";
```

There were about 20 diesel cars in year 2020.

**7.How many petrol cars are there in year 2020?**

```
select count(*) from car_dekho where year= 2020 and fuel= "petrol";
```

There were about 51 petrol cars in year 2020.

**8.Manager asked to print the count of all types of cars(petrol, diesel and cng ) by 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 ;
```

**9.Manager asked which year has the count of cars more than 100?**

```
select year,count(*) from car_dekho group by year having count(*) >100;
```

**10.The Manager asked the employee to give count of all cars between 2015 and 2023?**

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

**11.The Manager asked the employee to give details of all cars between 2015 and 2023?**

```
select * from car_dekho where year between 2015 and 2023;
```

# Summary

- It is a basic Mysql project where we have used basic sql queries .
- We learnt to use select statement, where clause, group by clause and having clause.
- In this we answered all the asked questions by manager and clients.
- Insights we are getting about the sales and count of cars according to different asked questions.