Car Dekho (SQL queries)

1. Read car data

   SELECT *

   FROM car_dekho.car_dekho;

2. Total cars: To get count of total records

   SELECT *

   FROM car_dekho.car_dekho;

3. The manager asked the employee – how many cars will be available in 2023?

   SELECT count(*)

   FROM car_dekho.car_dekho

   WHERE year = 2023;

4. The manager asked the employee – how many cars will be available in 2020,2021,2022?

   SELECT year, count(*) AS Total_count

   FROM car_dekho.car_dekho

   WHERE year IN (2020,2021,2022)

   GROUP BY year;

5. The client asked me to print the total of all cars by year. I don't see all the details

   SELECT year, count(*)

   FROM car_dekho.car_dekho

   GROUP BY year;

6. The client asked to car dealer agent How many Deisel cars will there in 2020?

   SELECT count(*)

   FROM car_dekho.car_dekho

   WHERE year = 2020 AND fuel = "Diesel";

7. The client asked the dealer How many Petrol car will be there in 2020?

   SELECT count(*)

   FROM car_dekho.car_dekho

   WHERE year = 2020 AND fuel = "petrol";

8. The manager asked employee to give print of all fuel cars (petrol, diesel and CNG) come by all year

                            Petrol count

   SELECT year, count(*) AS Petrol_count

   FROM car_dekho.car_dekho

   WHERE fuel = "petrol"

   GROUP BY year;

Diesel count

```sql
SELECT year, count(*) AS Diesel_count
FROM car_dekho.car_dekho
WHERE fuel = "diesel"
GROUP BY year;
```

CNG count

```sql
SELECT year, count(*) AS CNG_count
FROM car_dekho.car_dekho
WHERE fuel = "CNG"
GROUP BY year;
```

9. Manager said there were more than 100 cars in given years. So, which year had more than 100 cars?

```sql
SELECT year, count(*) AS Total_Count
FROM car_dekho.car_dekho
GROUP BY year
HAVING count(year) >100;
```

10. The manager asked all cars count details between 2015 to 2023, need complete list

```sql
SELECT year, count(*)
FROM car_dekho.car_dekho
WHERE year IN (2015,2016,2017,2018,2019,2020,2021,2022,2023)
GROUP BY year;
```

OR

```sql
SELECT year, count(*)
FROM car_dekho.car_dekho
WHERE year BETWEEN 2015 and 2023
GROUP BY year;
```

11. The manager asked all cars details between 2015 to 2023, need complete list

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