**Code:**

1. Reading Data:

- SQL Input: select \* from car\_dekho;

- Expected Output: Displaying 10 rows of data from the "car\_dekho" table.

2. Total Cars:

- SQL Input: select count(\*) from car\_dekho;

- Expected Output: Count of total records in the "car\_dekho" table.

3. Cars Available in 2023:

- SQL Input: select count(\*) as 2023\_cars from car\_dekho where year = 2023;

- Expected Output: Count of cars available in 2023.

4. Cars Available in 2020, 2021, 2022:

- SQL Input: select count(\*) as cars\_available\_in\_2020\_to\_2022 from car\_dekho where year in (2020, 2021, 2022) group by year;

- Expected Output: Count of cars available for each year from 2020 to 2022.

5. Total Cars by Year:

- SQL Input: select year, count(\*) as total\_of\_all\_cars\_year\_wise from car\_dekho group by year;

- Expected Output: Count of cars for each year.

6. Diesel Cars in 2020:

- SQL Input: select count(\*) as diesel\_car\_2020 from car\_dekho where year = 2020 and fuel = 'diesel';

- Expected Output: Count of diesel cars available in 2020.

7. Petrol Cars in 2020:

- SQL Input: select count(\*) petrol\_car\_2020 from car\_dekho where year = 2020 and fuel = 'petrol';

- Expected Output: Count of petrol cars available in 2020.

8. All Fuel Cars by Year:

- SQL Input: Separate queries for petrol, diesel, and CNG cars.

- Expected Output: Count of cars for each fuel type by year.

9. Years with More Than 100 Cars:

- SQL Input: select year, count() as this\_year\_had\_more\_than\_100\_cars from car\_dekho group by year having count() > 100;

- Expected Output: Years with more than 100 cars and their counts.

10. Cars Between 2015 and 2023 (Count):

- SQL Input: select count(\*) as cars\_between\_2k15\_to\_2k23 from car\_dekho where year between 2015 and 2023;

- Expected Output: Count of cars between 2015 and 2023.

11. Cars Between 2015 and 2023 (Details):

- SQL Input: select \* from car\_dekho where year between 2015 and 2023 limit 10;

- Expected Output: Displaying details of 10 cars between 2015 and 2023.