

MySQL Project

Car Dekho Second Hand Car Dealer

Creating Database

Create Database Car_dekho;

Use Database

Use Car_dekho;

Inserting Data

Data insert using Table Data Import Wizard

Questions

1. Read car data

```
select * from car_dekho;
```

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	5148	Petrol	Dealer	Manual	First Owner	18.15 kmpl	998 CC	118.35bhp	172Nm	5
Mahindra XUV300 W8 Diesel Sunroof	2022	1197000	5030	Diesel	Individual	Manual	Second O...	32.52 kmpl	998 CC	58.33bhp	78Nm	5
Mahindra XUV700 AX5 Diesel AT	2022	2275000	28000	Diesel	Individual	Automatic	First Owner	12.15 kmpl	1451 CC	141bhp	250Nm	5
Renault Triber RXT	2022	800000	10000	Petrol	Individual	Manual	Second O...	21.01 kmpl	1197 CC	81.80bhp	113Nm	5
Hyundai Creta SX Diesel AT	2021	1950000	8000	Diesel	Individual	Automatic	First Owner	13.38 kmpl	2993 CC	265 bhp	620Nm	5
Renault KWID CLIMBER	2021	567000	5868	Petrol	Individual	Manual	First Owner	18.15 kmpl	998 CC	118.35bhp	172Nm	5
Nissan Magnite XV Premium	2021	850000	2963	Petrol	Individual	Manual	First Owner	32.52 kmpl	998 CC	58.33bhp	78Nm	5
Renault Triber RXZ	2021	785000	11192	Petrol	Individual	Manual	Second O...	12.15 kmpl	1451 CC	141bhp	250Nm	5
Hyundai Tucson Platinum AT	2021	2975000	3600	Petrol	Dealer	Automatic	First Owner	21.01 kmpl	1197 CC	81.80bhp	113Nm	5
Maruti Alto 800 LXI Oot	2021	358000	29751	Petrol	Dealer	Manual	First Owner	19.03 kmpl	999 CC	71.01bhp	96Nm	5

2. Count of total cars

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

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	count(*)			
▶	7927			

3. How many cars available in 2023?

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

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	count(*)			
▶	6			

4. How many cars available in 2020,2021 & 2022?

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

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	year	count(*)		
▶	2022	7		
	2021	7		
	2020	74		

5. Total cars by Year

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

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
year	count(*)		
2023	6		
2022	7		
2021	7		
2020	74		
2019	583		
2018	806		
2017	1010		
2016	856		
2015	775		
2014	620		
2013	668		
2012	621		
2011	570		
2010	375		
2009	231		
2008	201		
2007	173		
2006	102		
2005	76		

6. How many Diesel cars in 2020?

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

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
count(*)			
20			

7. How many Petrol cars in 2020?

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

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
count(*)			
51			

8. All fuels cars comes by all years

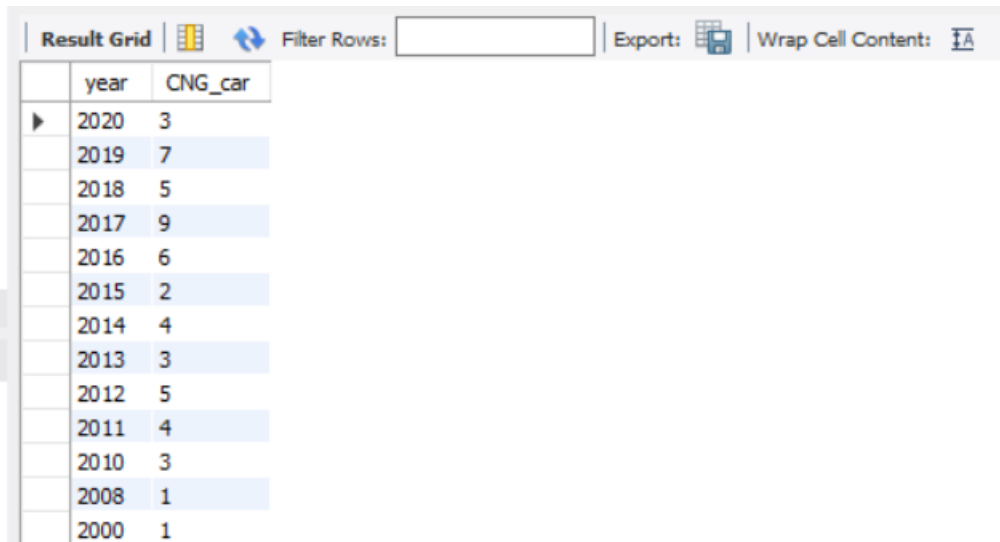
select year,count(*) as diesel_car from car_dekho where fuel= "Diesel"
group by year;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
year	diesel_car		
2023	1		
2022	2		
2021	2		
2020	20		
2019	224		
2018	407		
2017	569		
2016	421		
2015	493		
2014	414		
2013	460		
2012	407		
2011	362		
2010	179		
2009	98		
2008	90		
2007	73		
2006	30		
2005	22		

select year,count(*) as petrol_car from car_dekho where fuel= "Petrol"
group by year;

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
year	petrol_car		
2023	4		
2022	5		
2021	5		
2020	51		
2019	352		
2018	394		
2017	432		
2016	429		
2015	278		
2014	202		
2013	203		
2012	199		
2011	200		
2010	184		
2009	133		
2008	107		
2007	96		
2006	71		
2005	54		

select year,count(*) as CNG_car from car_dekho where fuel= "CNG"
group by year;

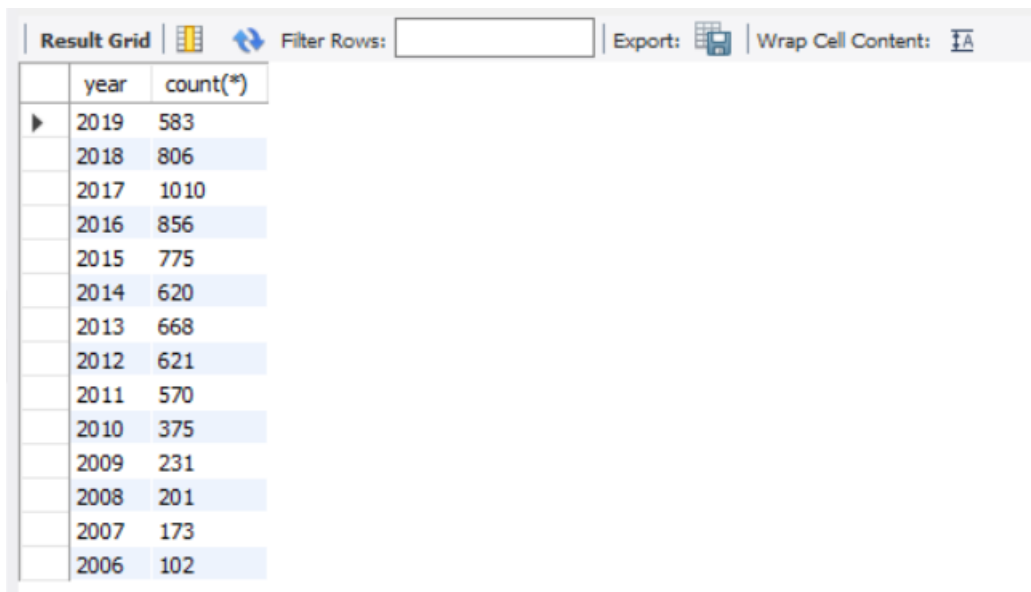


The screenshot shows a database query result grid. At the top, there is a toolbar with 'Result Grid', a grid icon, a refresh icon, 'Filter Rows:' with an input field, 'Export:' with a download icon, and 'Wrap Cell Content:' with a link icon. The table has two columns: 'year' and 'CNG_car'. The data is as follows:

year	CNG_car
2020	3
2019	7
2018	5
2017	9
2016	6
2015	2
2014	4
2013	3
2012	5
2011	4
2010	3
2008	1
2000	1

9. Which year has more than 100 cars?

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



The screenshot shows a database query result grid. At the top, there is a toolbar with 'Result Grid', a grid icon, a refresh icon, 'Filter Rows:' with an input field, 'Export:' with a download icon, and 'Wrap Cell Content:' with a link icon. The table has two columns: 'year' and 'count(*)'. The data is as follows:

year	count(*)
2019	583
2018	806
2017	1010
2016	856
2015	775
2014	620
2013	668
2012	621
2011	570
2010	375
2009	231
2008	201
2007	173
2006	102

10.All car details between 2015 to 2023

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

Result Grid												
Filter Rows:												
Exports: Wrap Cell Content: Fetch rows:												
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