# Key Metrics of Vehicle Analysis

1) **Total No. of Vehicle -**

 select count(tempRegistrationNumber) as Total_Vehicles from telangana.cleaned_telangana ;

Result Grid		Filter R
Total_Vehicles	
▶ 67236	

2) **Vehicle Distribution by Fuel Type -**

 select fuel, count(*) as Quantity from telangana.cleaned_telangana group by fuel order by
 quantity desc;

fuel	Quantity
▶ PETROL	50572
DIESEL	8947
BATTERY	4736
CNG PETROL	2174
PETROL LPG	646
CNG	121
PETROL ELECTRIC	33

3) **Top 5 Demanding Colors -**

 select colour , count(*) as Count_Color from telangana.cleaned_telangana group by colour
 order by count_color desc limit 5;

colour	Count_Color
▶ BLACK	3406
GOLDEN YELLOW	2571
P S BLUE	2256
GREEN	1418
PEARL PRECIOUS WHITE	1310

4) Top 10 Companies by Vehicle Quantity

select makerName , count(*) as Quantity from telangana.cleaned_telangana group by makerName order by quantity desc limit 10;

makerName	Quantity
HONDA MOTORCYCLE&SCOOTER(I)P L	17243
BAJAJ AUTO LTD	9200
TVS MOTOR COMPANY LTD	7125
HERO MOTOCORP LTD	6380
SUZUKI MOTORCYCLE (I) PVT LTD	4063
MARUTI SUZUKI INDIA LTD.,	3836
ROYAL ENFIELD	2210
MAHINDRA & MAHINDRA LTD	1605
M/S. OLA ELECTRIC TECHNOLOGIES PVT.LTD.,	1550
INDIA YAMAHA MOTOR PVT LTD	1341

5) Top 10 Vehicle Class -

select vehicleClass, count(*) as `Count Vehicle Class` from telangana.cleaned_telangana group by vehicleClass order by `Count Vehicle Class` desc limit 10 ;

vehicleClass	Count Vehicle Class
MOTOR CYCLE	47390
MOTOR CAR	8776
Auto Rickshaw	2928
Tractor for Agricultural Purpose	2482
Goods Carriage	1480
Motor Cab	1197
Ominibus	883
Tractor for Commercial Use	760
Three Wheeled Goods Vehicle	507
Chassis Transport	315

6) Second-Hand Vehicles -

select secondVehicle , count(*) as `No. of Second Hand vehicles` from telangana.cleaned_telangana group by secondVehicle order by `No. of Second Hand vehicles` desc ;

secondVehicle	No. of Second Hand vehicles
N	60266
Y	6970

7) Category of Vehicles -

select category , count(*) as `No. of category` from telangana.cleaned_telangana group by category order by `No. of category` desc ;

category	No. of category
Non Transport	58885
Transport	8351

8) Seat Capacity Distribution of Vehicle -

select seatCapacity, count(*) as `No. of Vehicles` from telangana.cleaned_telangana group by seatCapacity order by `No. of Vehicles` desc limit 5;

seatCapacity	No. of Vehicles
2	48447
5	7720
1	4092
4	3194
7	1882