

Indian Cars Exploratory Data Analysis Summary

Dataset Shape: (1267, 134)

Unique Car Makers: 41

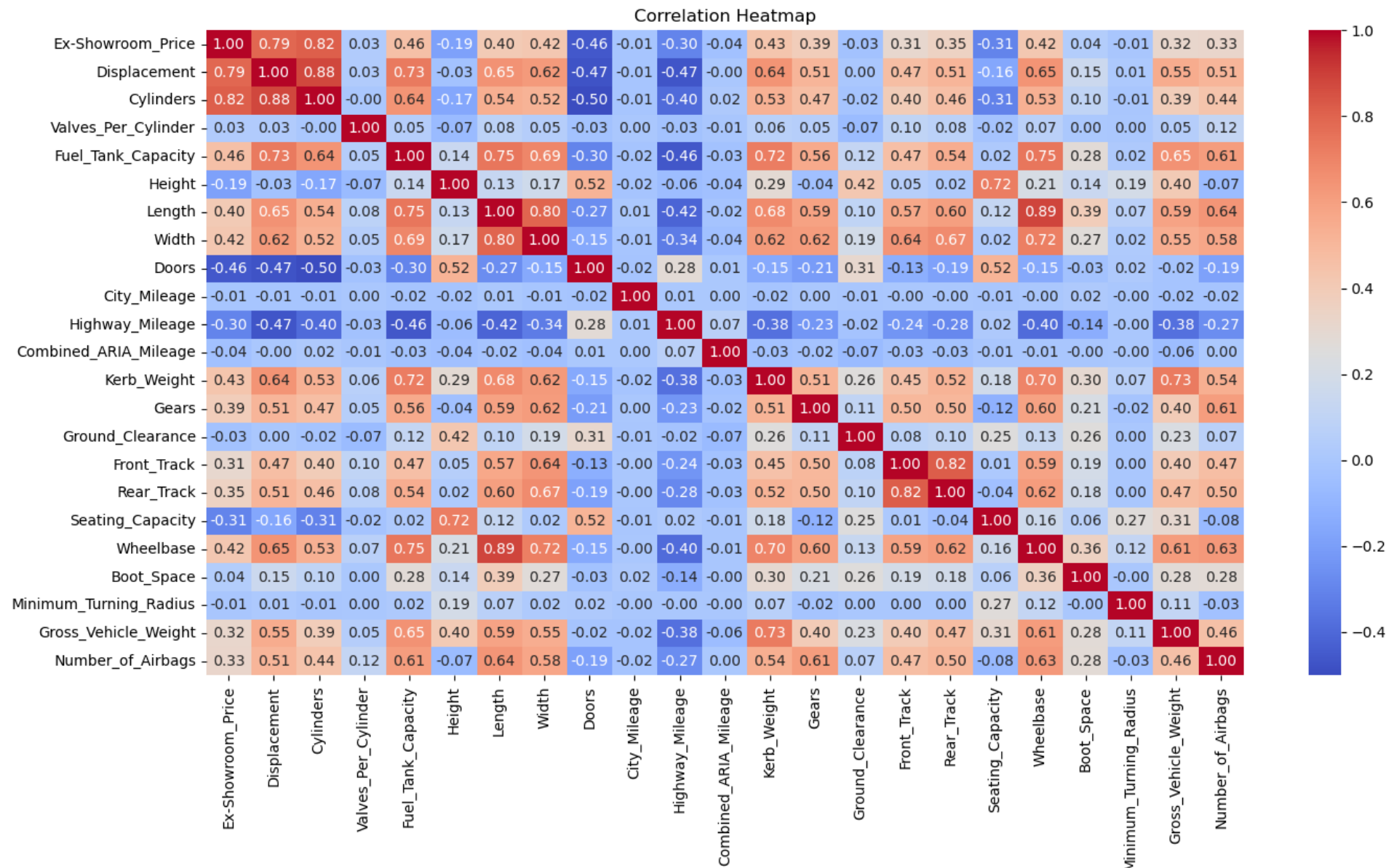
Unique Car Models: 263

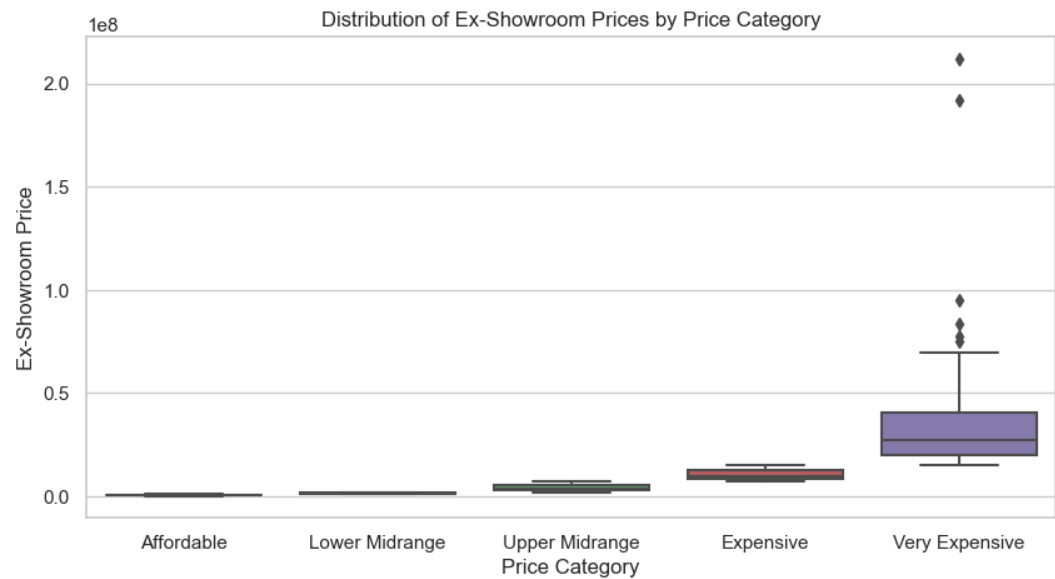
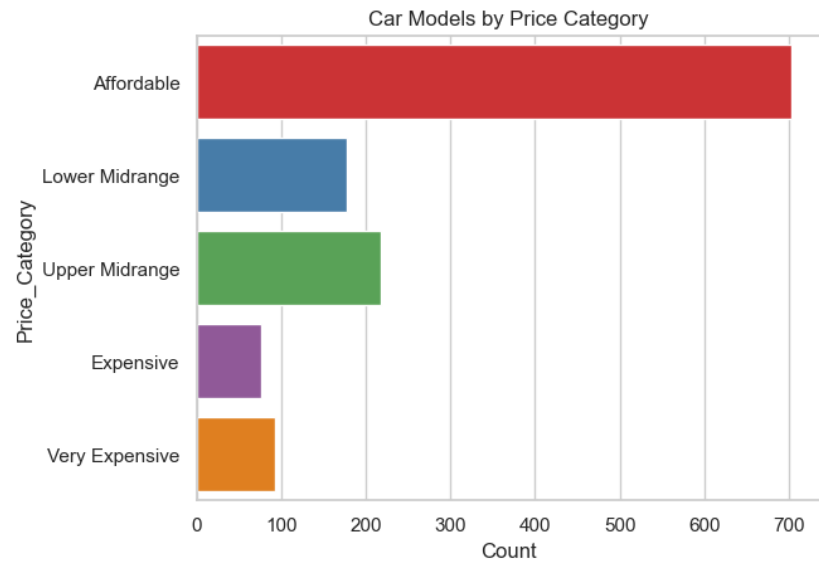
Statistical Exploration of Numeric Columns

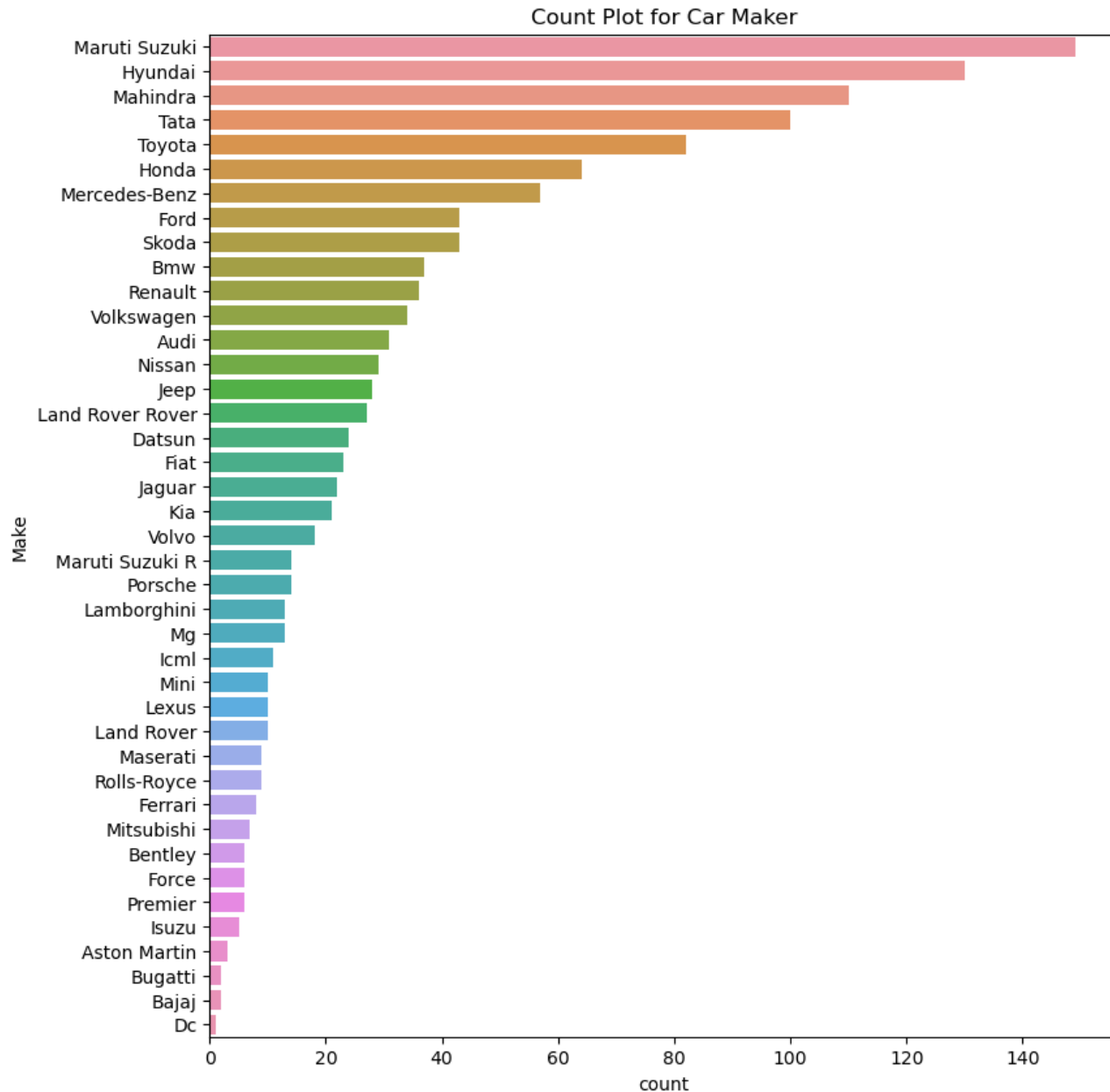
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1 df.describe()
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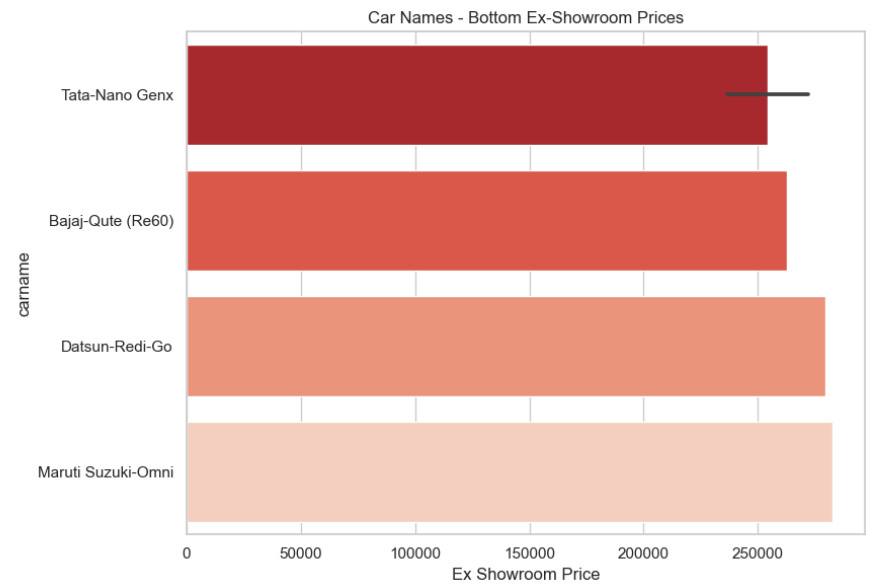
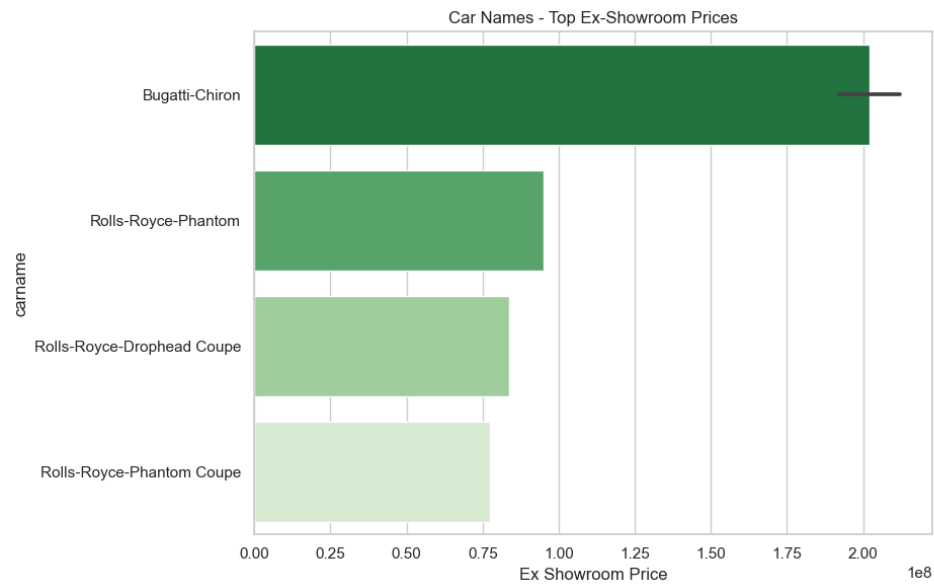
10]:

	Ex-Showroom_Price	Displacement	Cylinders	Valves_Per_Cylinder	Fuel_Tank_Capacity	Height	Length	Width	Doors	City_M
count	1.267000e+03	1267.000000	1267.000000	1267.000000	1267.000000	1267.000000	1267.000000	1255.000000	1267.000000	1267.0
mean	4.617330e+06	1853.103394	4.363852	3.979479	51.658958	1589.688118	4294.837127	1787.822984	4.548540	36.0
std	1.218793e+07	1062.117689	1.625057	0.802576	16.050371	157.565493	477.682420	151.227266	0.748756	730.9
min	2.364470e+05	72.000000	2.000000	1.000000	15.000000	1.845000	4.640000	1.845000	2.000000	2.0
25%	7.405535e+05	1198.000000	4.000000	4.000000	41.000000	1495.000000	3991.000000	1695.000000	4.000000	14.0
50%	1.055000e+06	1497.000000	4.000000	4.000000	46.000000	1555.000000	4329.000000	1770.000000	5.000000	15.1
75%	2.991400e+06	1998.000000	4.000000	4.000000	60.000000	1660.000000	4620.000000	1850.000000	5.000000	16.0
max	2.121554e+08	7993.000000	16.000000	16.000000	105.000000	2670.000000	6092.000000	2226.000000	5.000000	26032.0

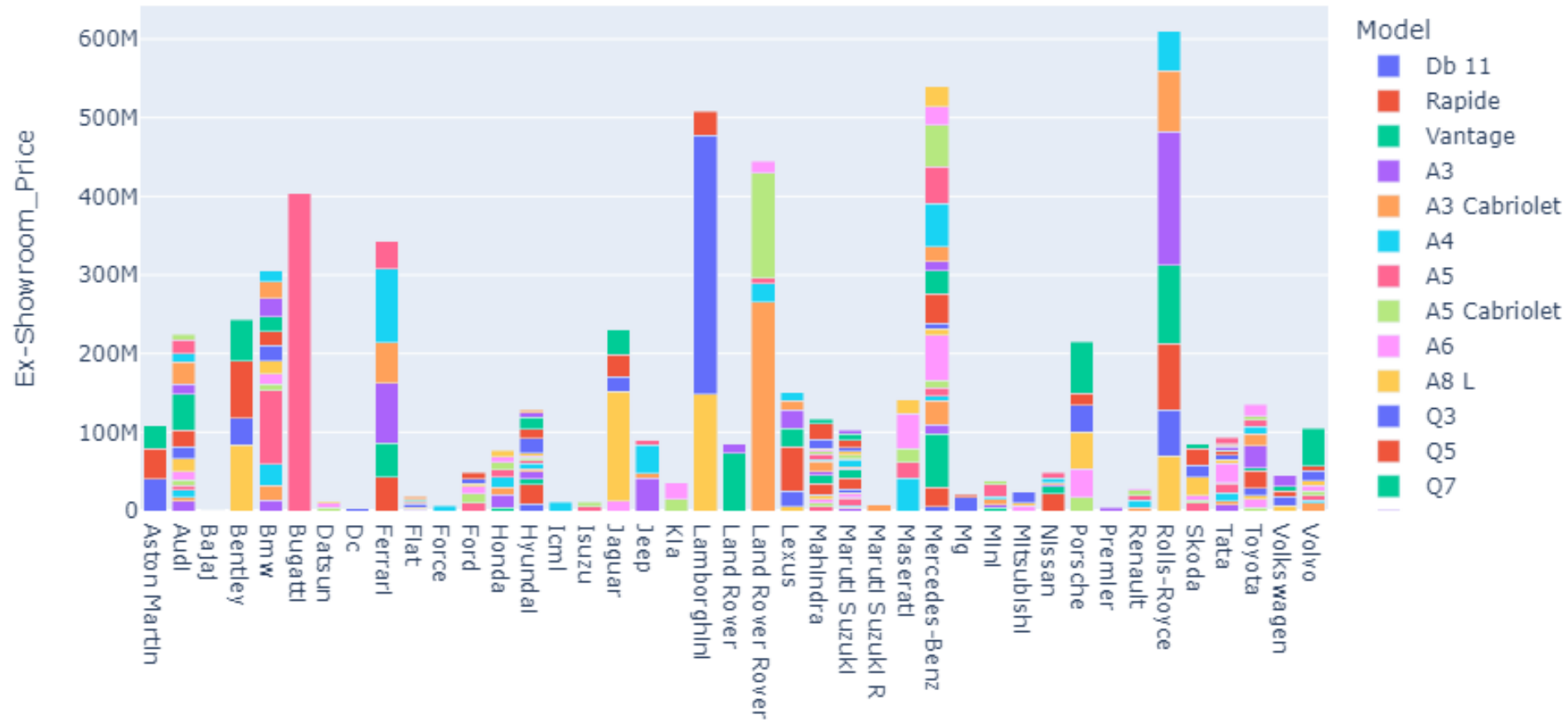


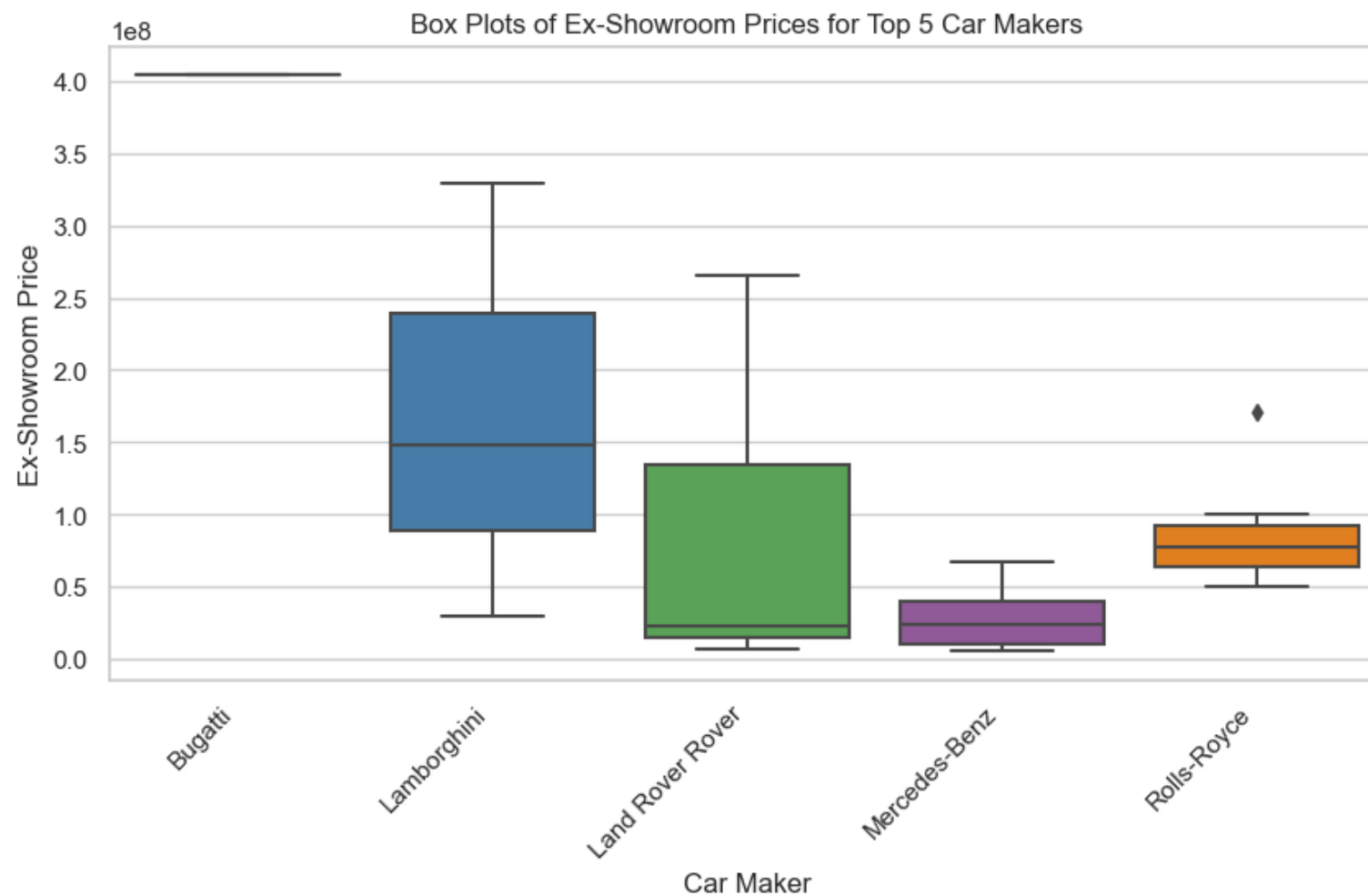




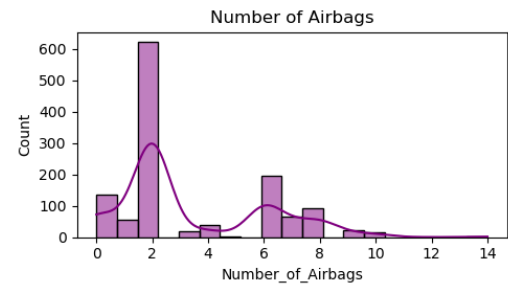
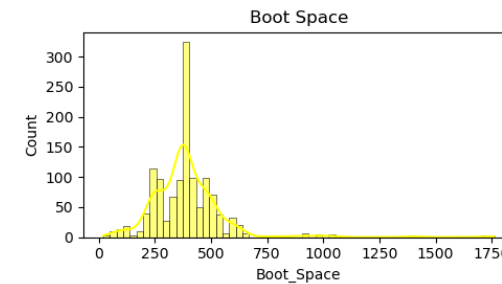
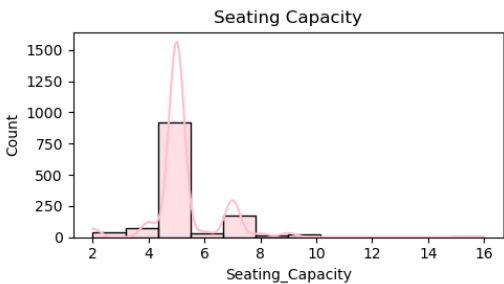
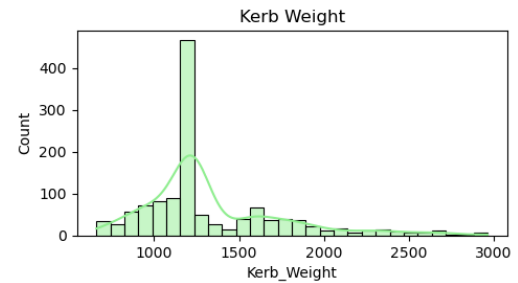
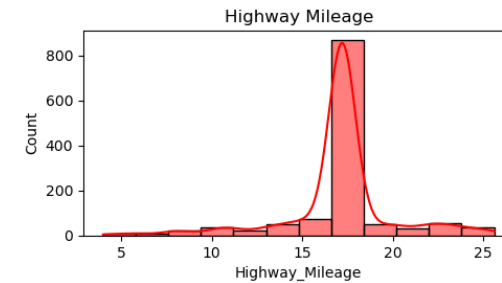
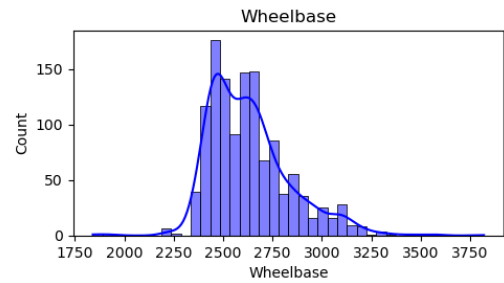
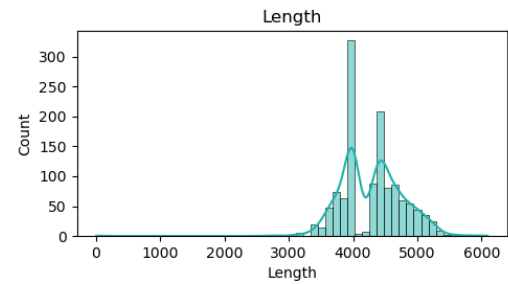
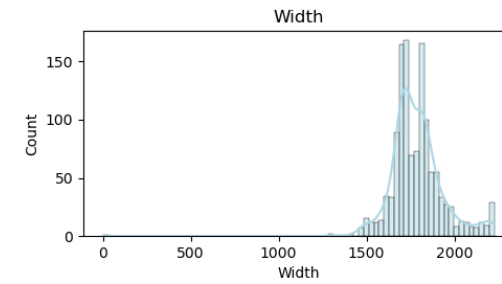
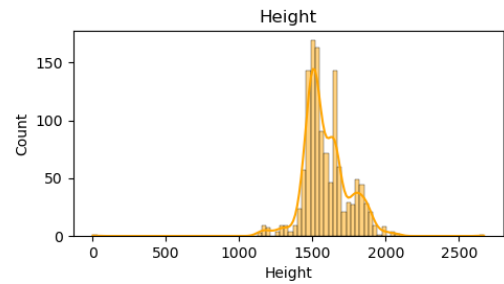
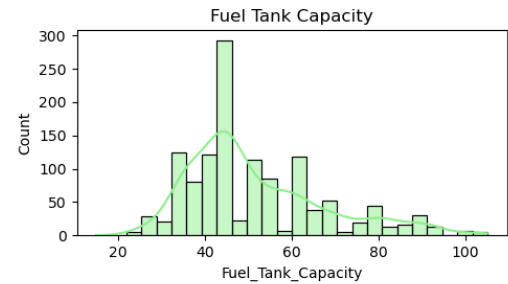
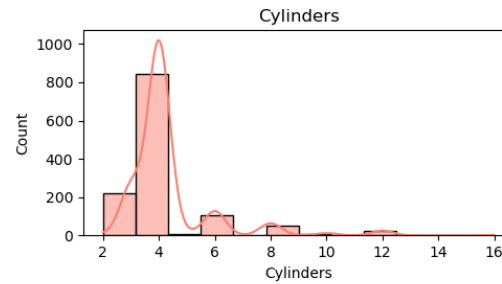
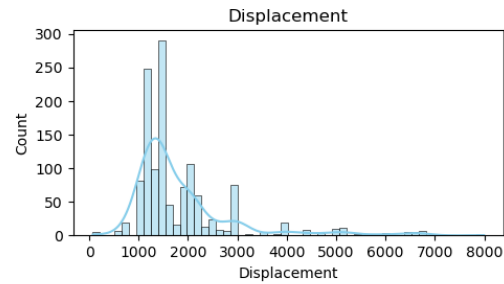


Total Ex-Showroom Price by Car Maker and Model



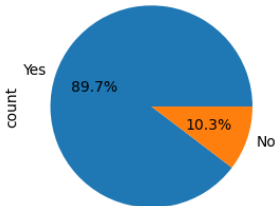


Histograms of Various Important Car Features

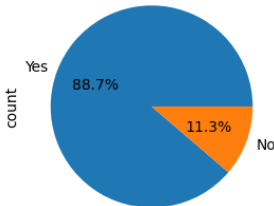


Pie Charts for Yes/No Features

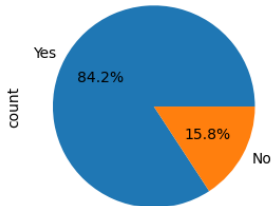
ABS (Anti-lock Braking System)



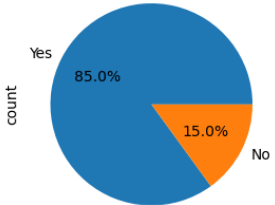
Door Ajar Warning



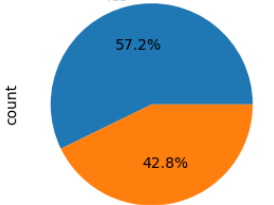
EBD (Electronic Brake-force Distribution)



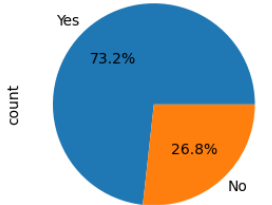
Fasten Seat Belt Warning



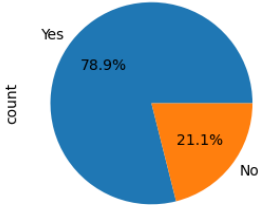
Gear Shift Reminder



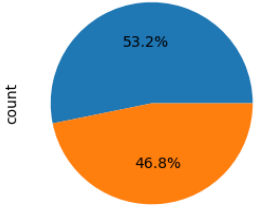
Key Off Reminder



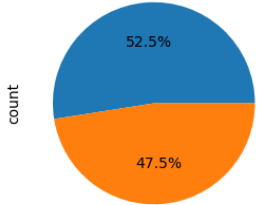
USB Compatibility



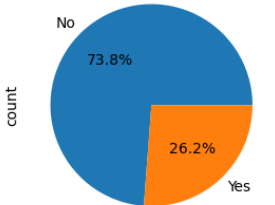
Navigation System



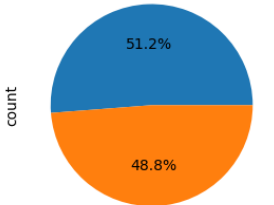
Second Row AC Vents



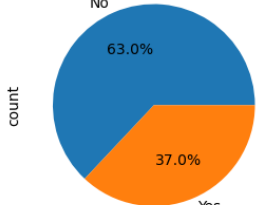
Tyre Pressure Monitoring System



Turbocharger



Rain Sensing Wipers



Pie Charts for Extra Features

