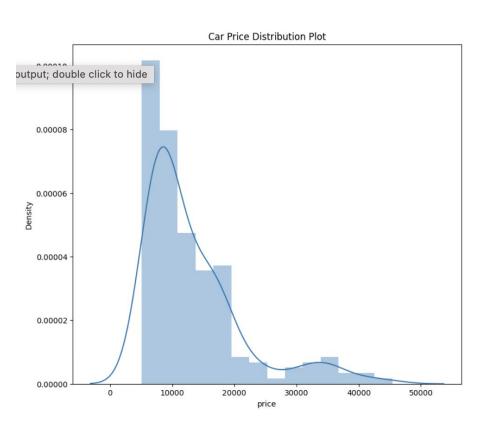
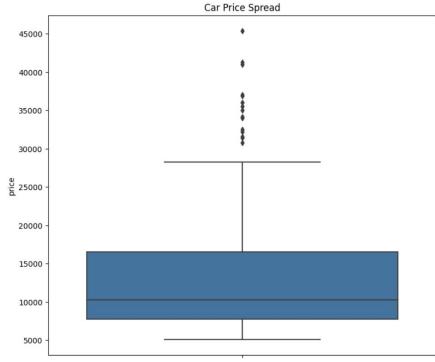
## DSC680 - 4.1

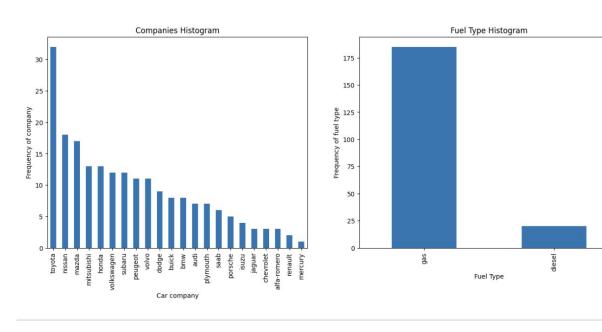
Binay Jena

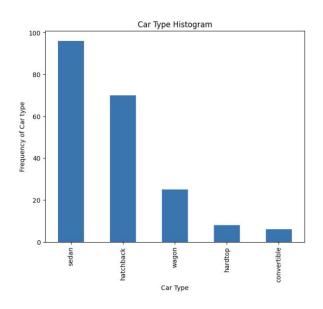
#### Price distribution of cars



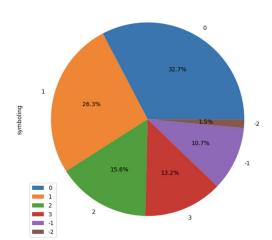


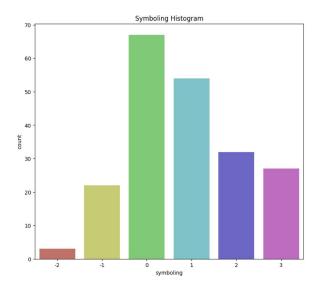
### by Brand, FuelType, CarType

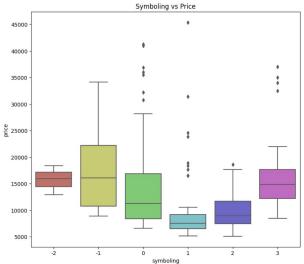


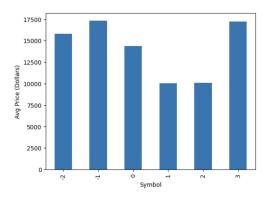


### by Symboling

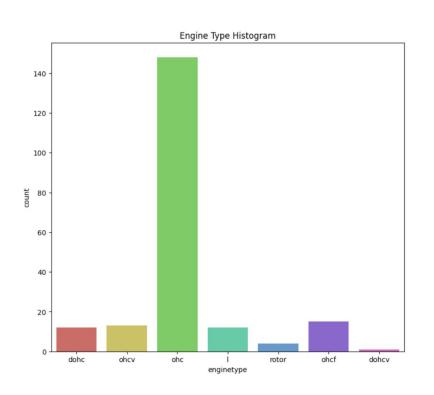


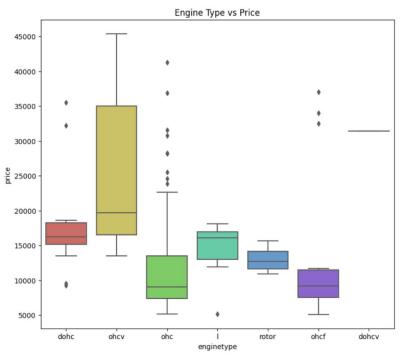






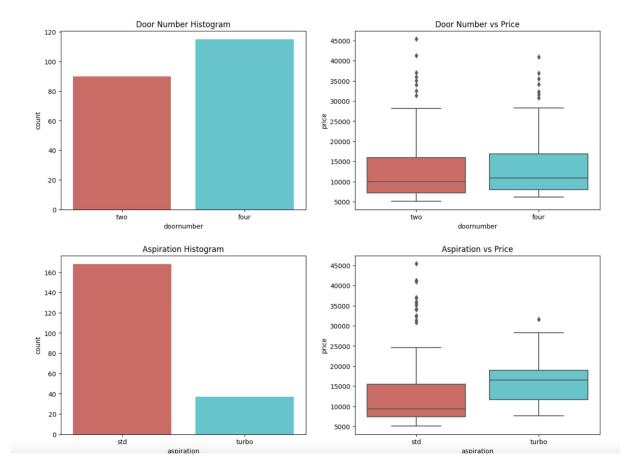
## engineType vs Price

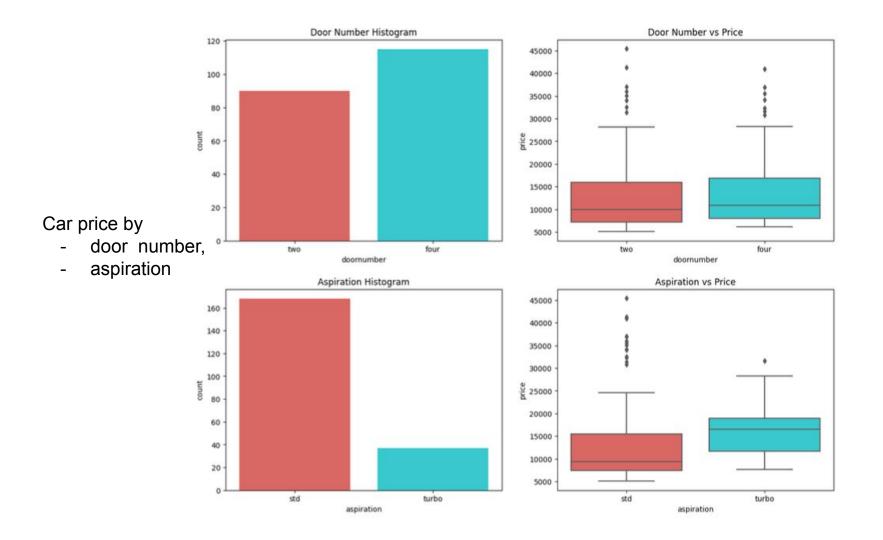




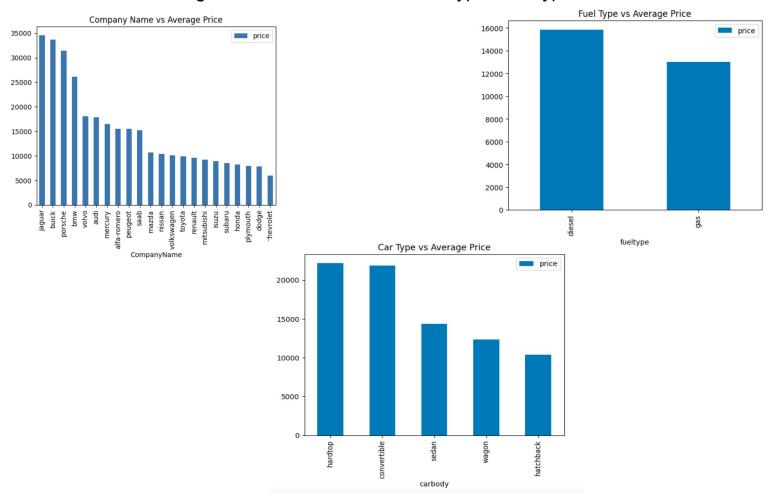
#### Car counts by

- door number,
- aspiration

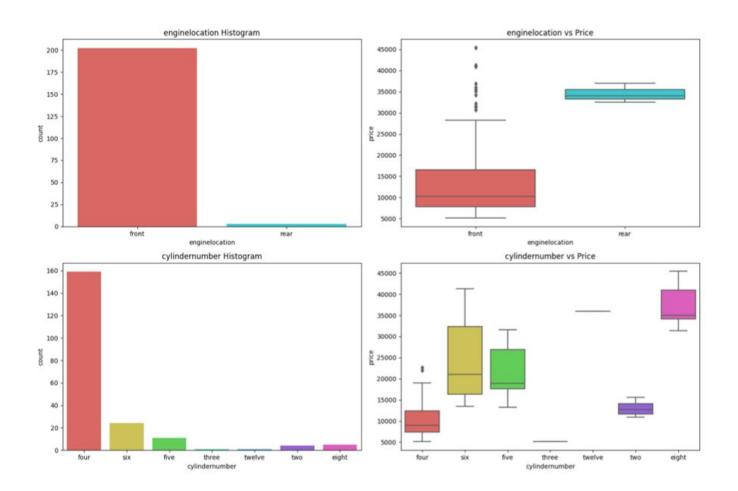




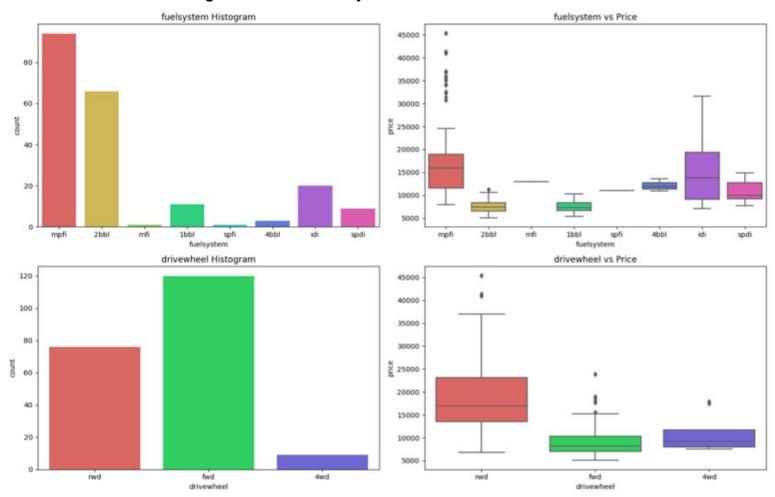
#### Average Price vs Auto Brands, Fuel Type, Car Type



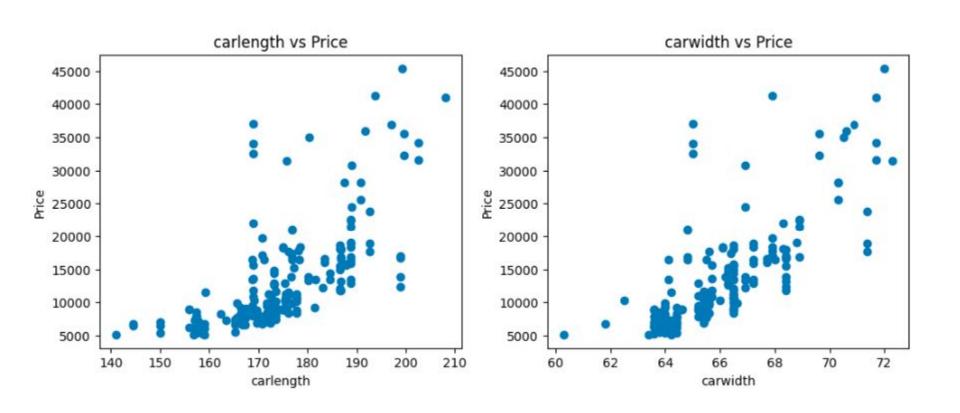
#### Average Price vs engine location, cylinder numbers



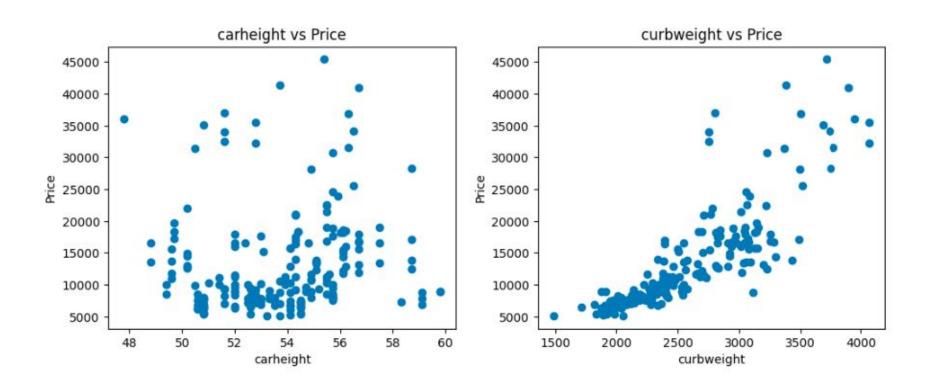
#### Average Price vs Fuel System, Drivewheel



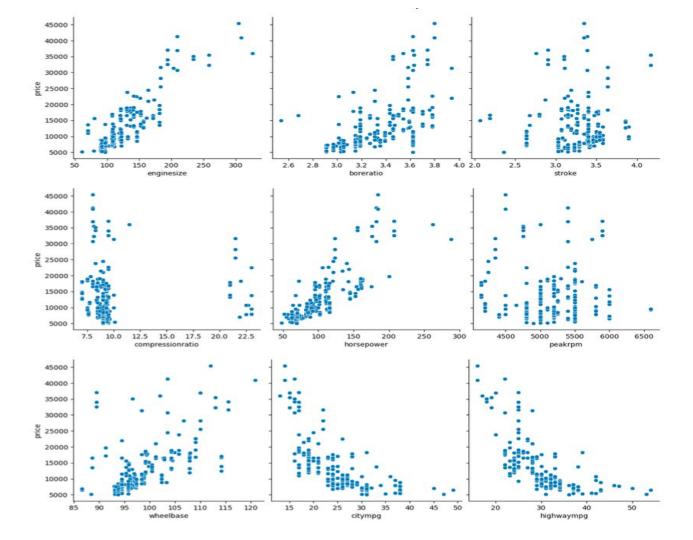
#### Price vs Car Dimensions

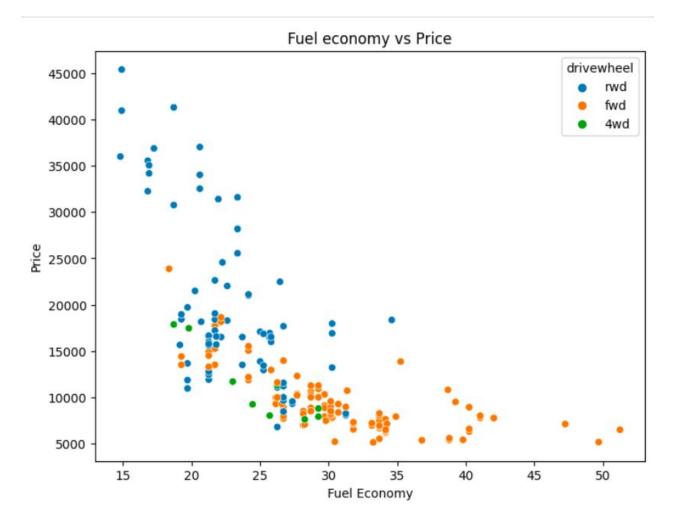


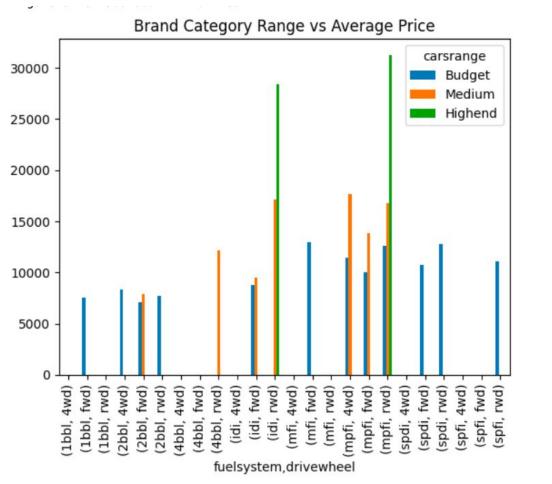
#### Price vs Car Height & Weight

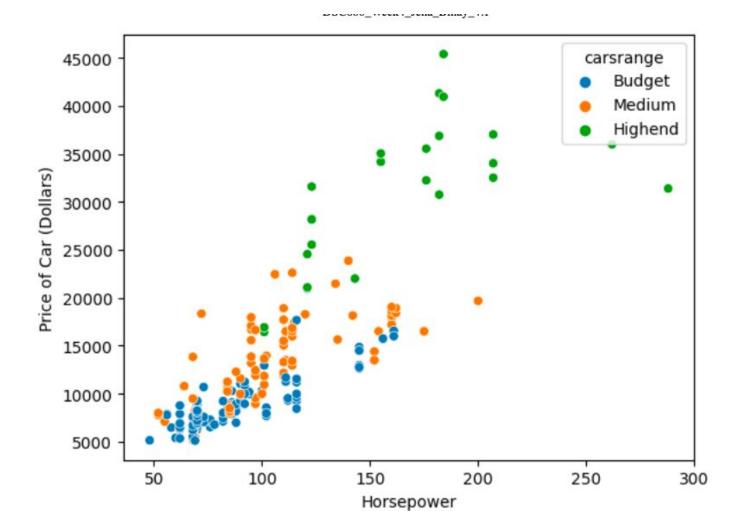


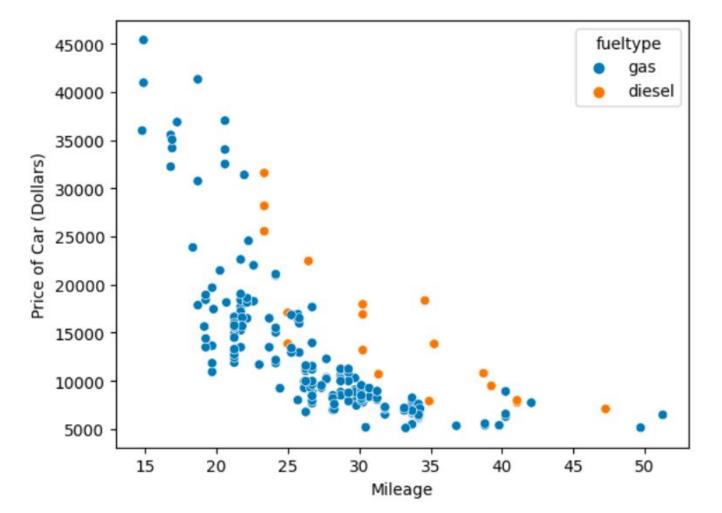
Price vs ... scatter plots

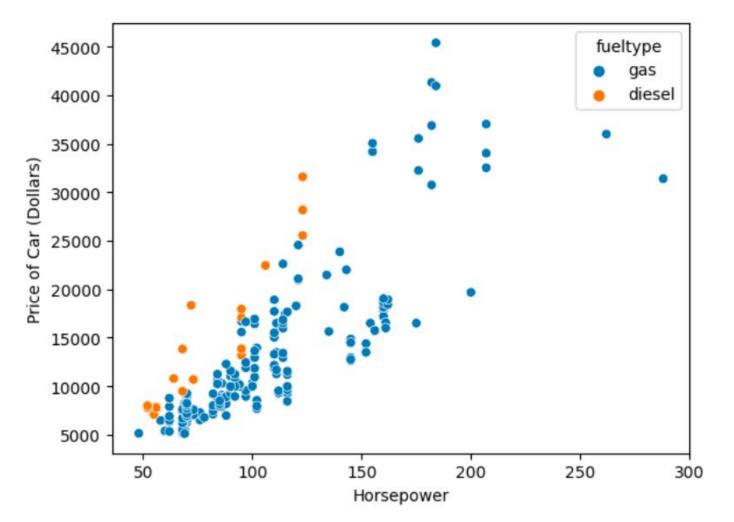












car_ID -	1	-0.15	0.13	0.17	0.052	0.26	0.072	-0.034	0.26	-0.16	0.15	-0.015	-0.2	0.016	0.011	-0.11	0.014	1.00
symboling -	-0.15	1	-0.53	-0.36	-0.23	-0.54	-0.23	-0.11	-0.13	-0.0087	-0.18		0.27	-0.036	0.035	-0.08	-0.0033	
wheelbase -	0.13	-0.53	1	0.87	0.8	0.59	0.78	0.57	0.49	0.16	0.25	0.35	-0.36	-0.47	-0.54	0.58	-0.51	- 0.75
carlength -	0.17	-0.36	0.87		0.84	0.49	0.88	0.68	0.61	0.13	0.16	0.55	-0.29	-0.67	-0.7	0.68	-0.69	
carwidth -	0.052	-0.23	0.8	0.84		0.28	0.87	0.74	0.56	0.18	0.18	0.64	-0.22	-0.64	-0.68	0.76	-0.66	- 0.50
carheight -	0.26	-0.54	0.59	0.49	0.28	1	0.3	0.067	0.17	-0.055	0.26	-0.11	-0.32	-0.049	-0.11	0.12	-0.076	
curbweight -		-0.23	0.78	0.88	0.87	0.3		0.85	0.65	0.17	0.15	0.75	-0.27	-0.76	-0.8	0.84	-0.78	
enginesize -	-0.034	-0.11	0.57	0.68	0.74	0.067	0.85	1	0.58	0.2	0.029	0.81	-0.24	-0.65	-0.68	0.87	-0.67	- 0.25
boreratio -	0.26	-0.13	0.49	0.61	0.56	0.17	0.65	0.58	1	-0.056	0.0052	0.57	-0.25	-0.58	-0.59	0.55	-0.59	
stroke -	-0.16	-0.0087	0.16	0.13	0.18	-0.055	0.17	0.2	-0.056	1	0.19		-0.068	-0.042	-0.044		-0.043	- 0.00
compressionratio -	0.15	-0.18	0.25	0.16	0.18	0.26	0.15	0.029	0.0052	0.19	1	-0.2	-0.44	0.32	0.27	0.068	0.3	
horsepower -	-0.015	0.071	0.35	0.55	0.64	-0.11	0.75	0.81	0.57		-0.2	1	0.13	-0.8	-0.77	0.81	-0.79	0.25
peakrpm -	-0.2	0.27	-0.36	-0.29	-0.22	-0.32	-0.27	-0.24	-0.25	-0.068	-0.44	0.13	1	-0.11	-0.054	-0.085	-0.087	
citympg -	0.016	-0.036	-0.47	-0.67	-0.64	-0.049	-0.76	-0.65	-0.58	-0.042	0.32	-0.8	-0.11		0.97	-0.69	0.99	
highwaympg -	0.011	0.035	-0.54	-0.7	-0.68	-0.11	-0.8	-0.68	-0.59	-0.044	0.27	-0.77	-0.054	0.97	1	-0.7	0.99	0.50
price -	-0.11	-0.08	0.58	0.68	0.76	0.12	0.84	0.87	0.55			0.81	-0.085	-0.69	-0.7	1	-0.7	
fueleconomy -	0.014	-0.0033	-0.51	-0.69	-0.66	-0.076	-0.78	-0.67	-0.59	-0.043	0.3	-0.79	-0.087	0.99	0.99	-0.7	1	0.75
	car_ID -	- Symboling -	wheelbase -	carlength -	carwidth -	carheight -	curbweight -	enginesize -	boreratio	stroke -	compressionratio -	horsepower	peakrpm -	- dtympg	highwaympg -	price -	fueleconomy -	

# Thank you!!