

Car Price Predication In Saudi Arabia

USING LINEAR REGRESSION

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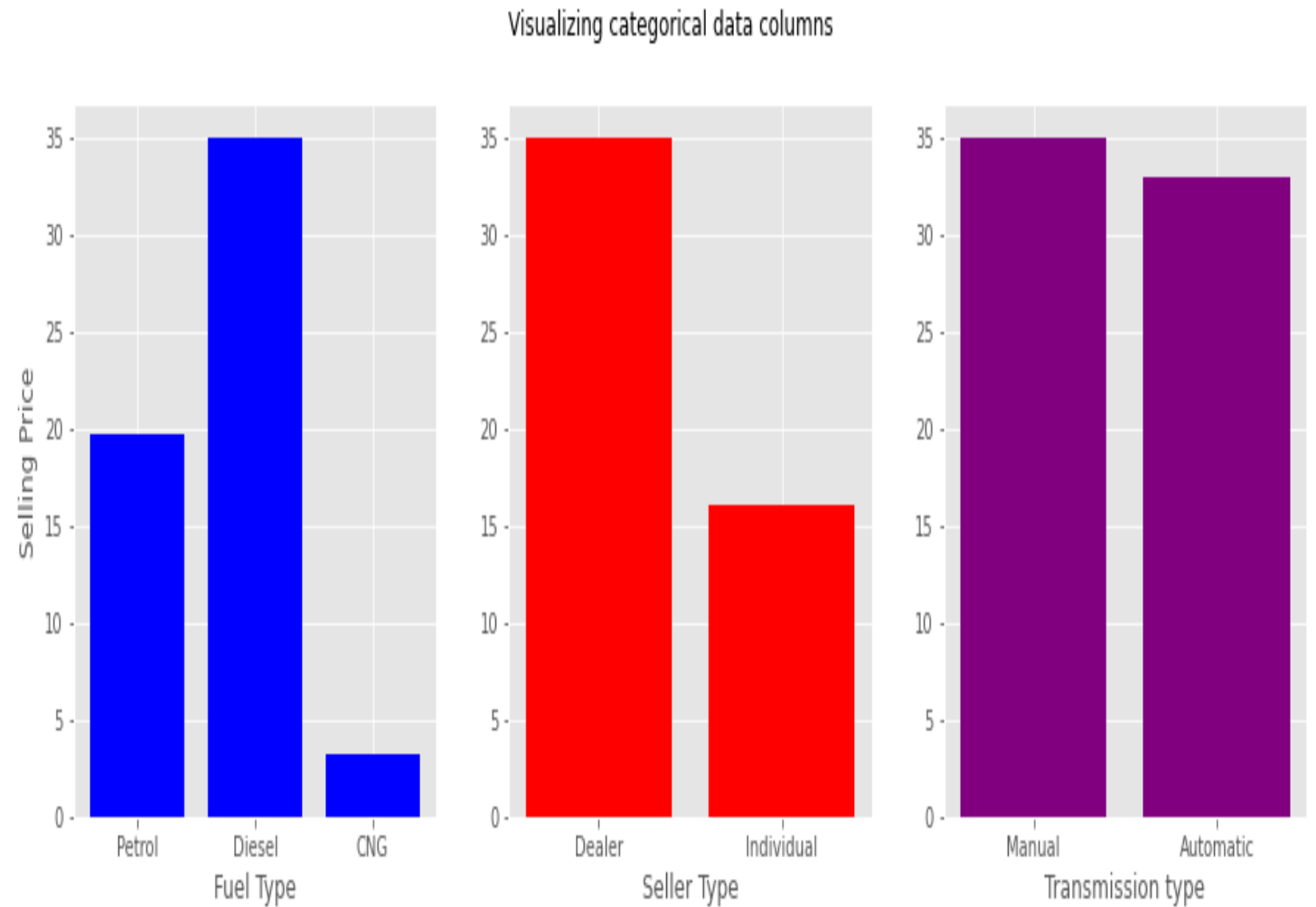
Introduction

OLX.SA.COM IS A POPULAR WEBSITE FOR SELLING NEW AND USED CAR IN SAUDI ARABIA. IT OFFERS VARIOUS OF DIFFERENT CARS. MAIN GOAL OF THIS PROJECT IS TO ANALYZE CAR PRICE POSTED ON THE WEBSITE AND PREDICT THE PRICE OF A CAR IN RELATION OF ALL THE OTHER CARS POSTED ON THE WEBSITE. THE METHOD TO ACHIEVE THIS IS LINEAR REGRESSION.

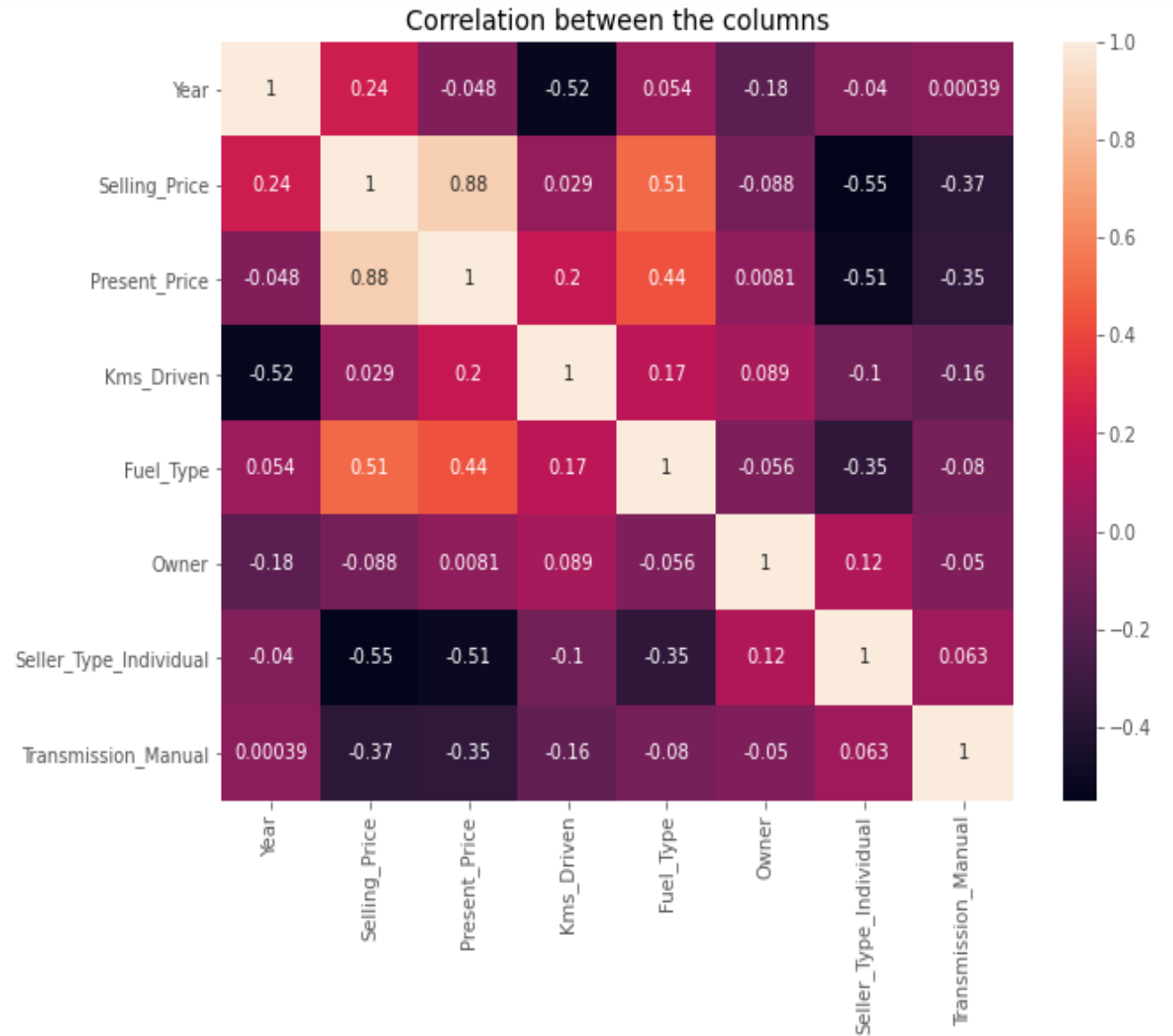
Name	Year	Selling_Price	Present_Price	Kms_Driven	Fuel_Type	Seller_Type	Transmission
ritz	2014	3.35	5.59	27000	Petrol	Dealer	Manual
sx4	2013	4.75	9.54	43000	Diesel	Dealer	Manual
ciaz	2017	7.25	9.85	6900	Petrol	Dealer	Manual
agon r	2011	2.85	4.15	5200	Petrol	Dealer	Manual
swift	2014	4.60	6.87	42450	Diesel	Dealer	Manual

web scraping the Data

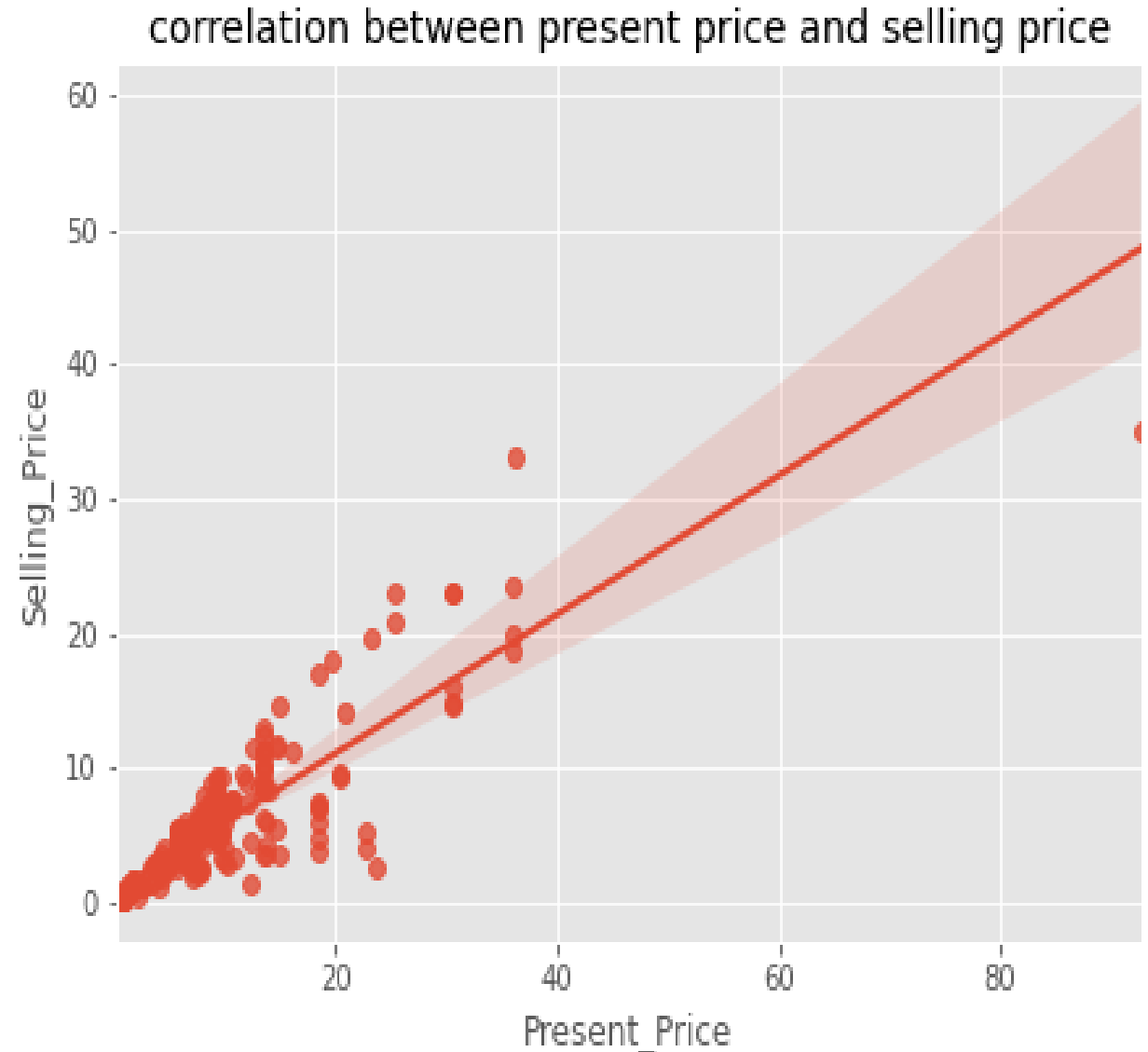
visualize the data



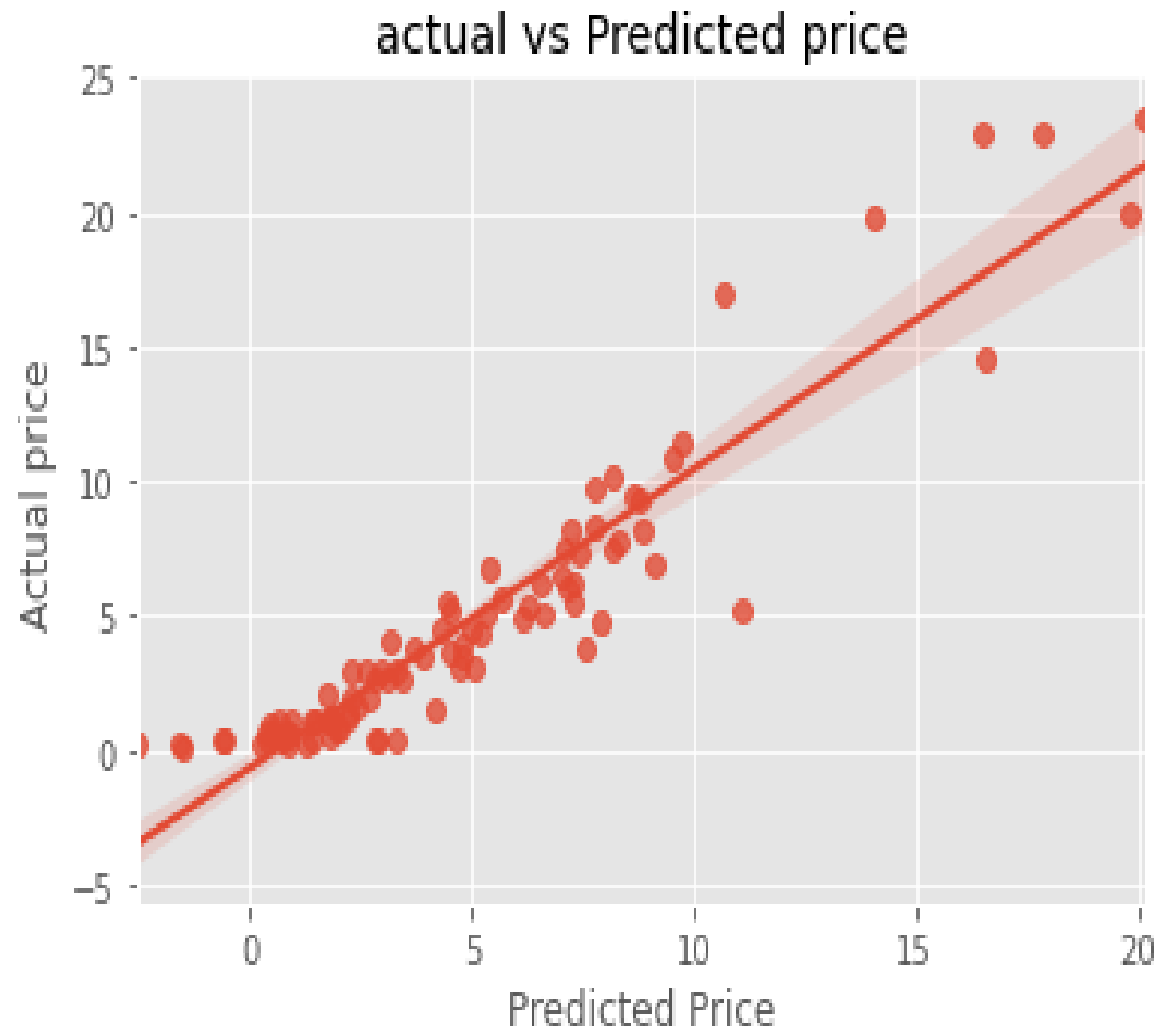
heat map to find the correlation between the different columns



to see the correlation
better let use the
regression plot
between selling price
& present price



creating a regression
plot between pred
and actual value



Thank You