



# Used Car Price Prediction

*Nadia alhjrasi & fai alomer*

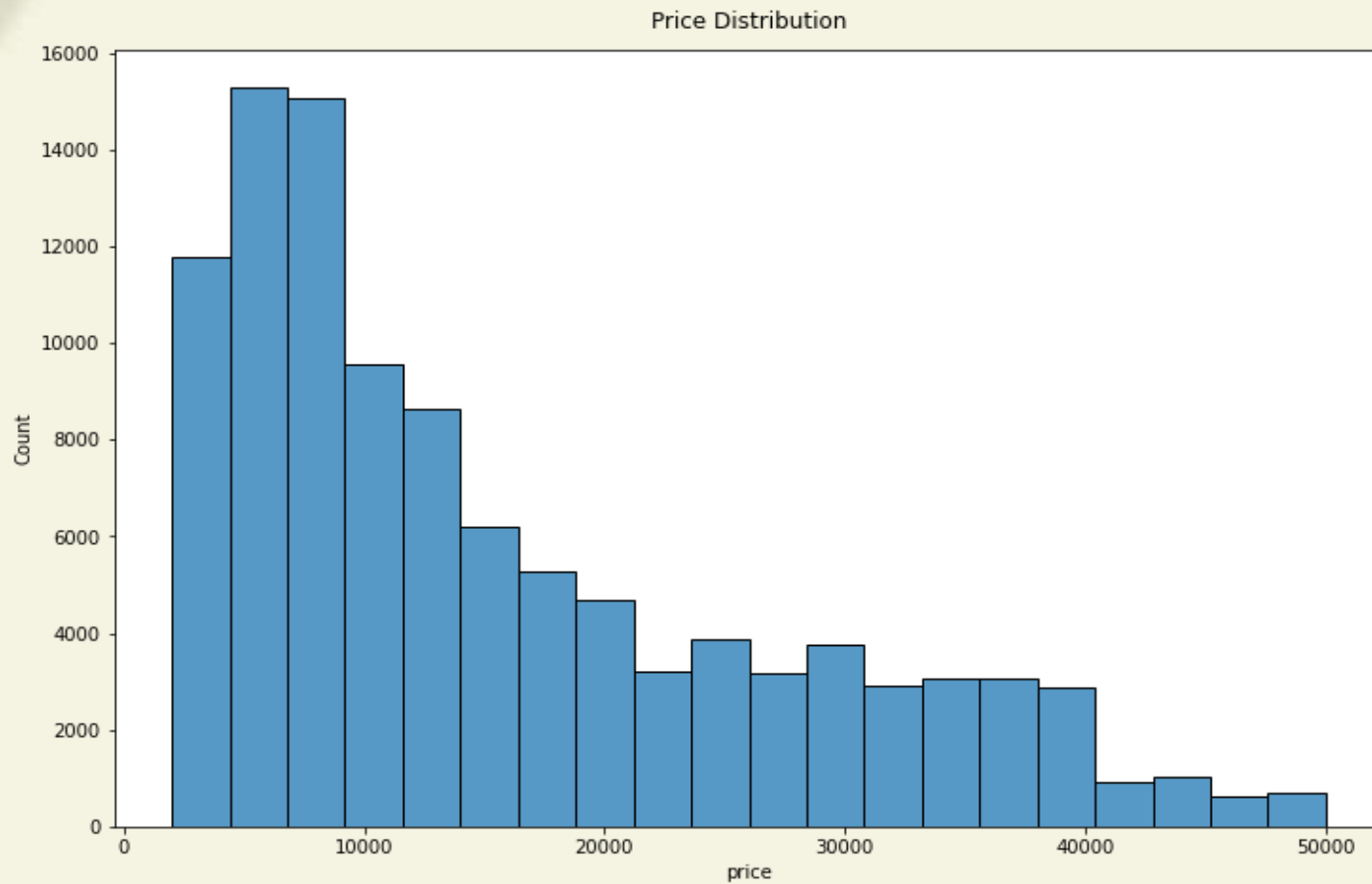
# About Us Data

Used Cars Dataset. It is obtained from Kaggle

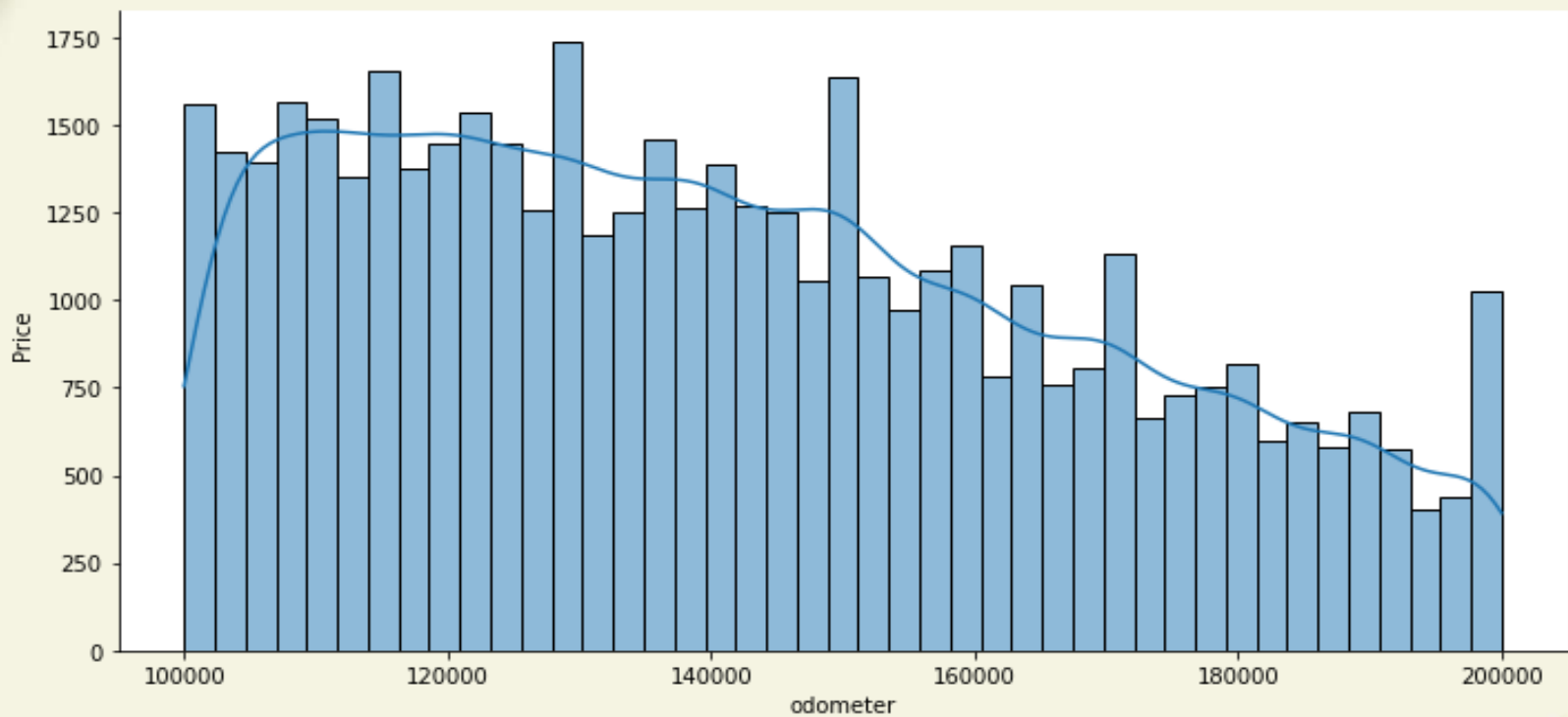
The data is scraped every few months, it contains most all relevant information that Craigslist provides on car sales including columns like price, size, Color, manufacturer, year, and other categories.



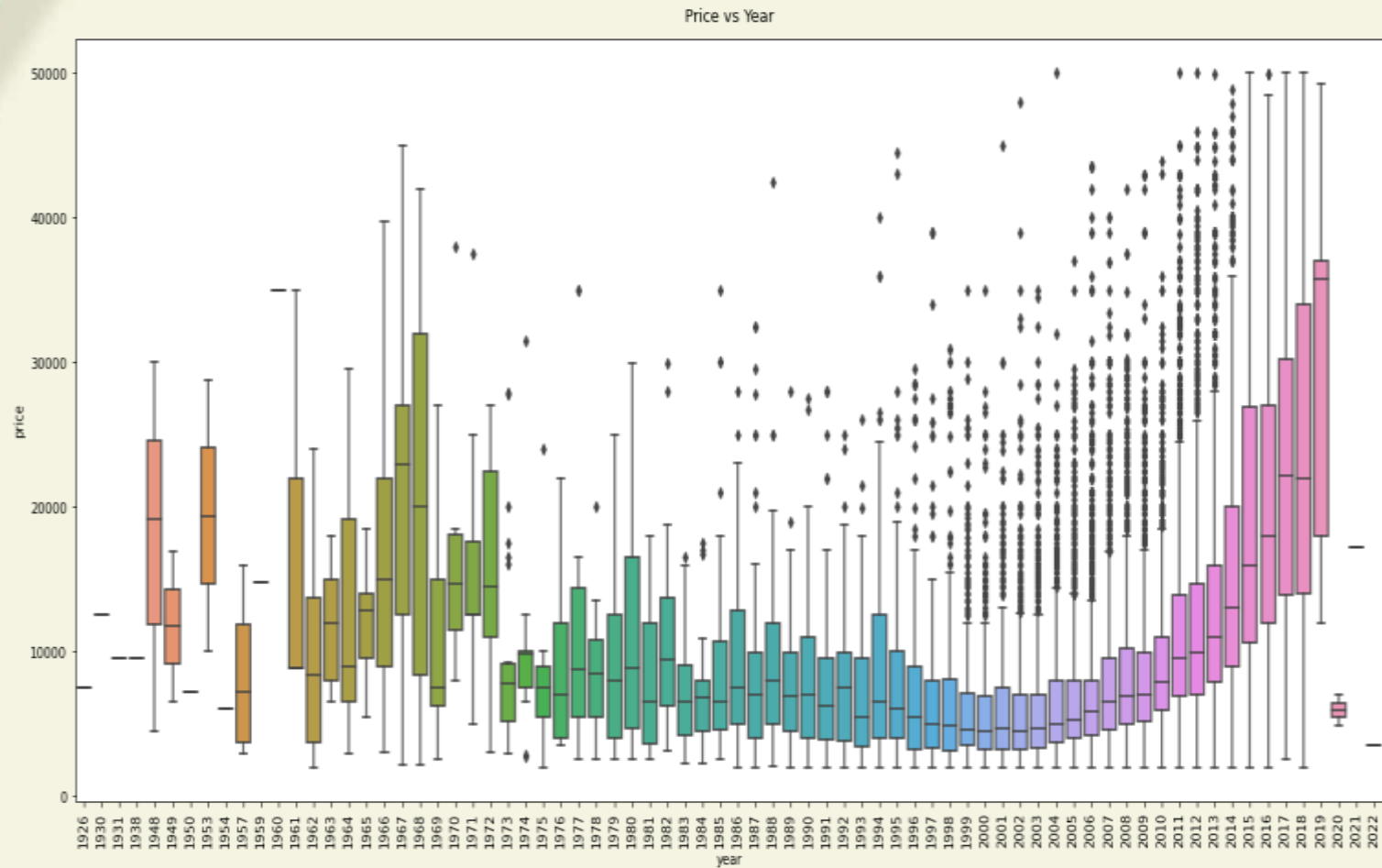
# Price Distribution



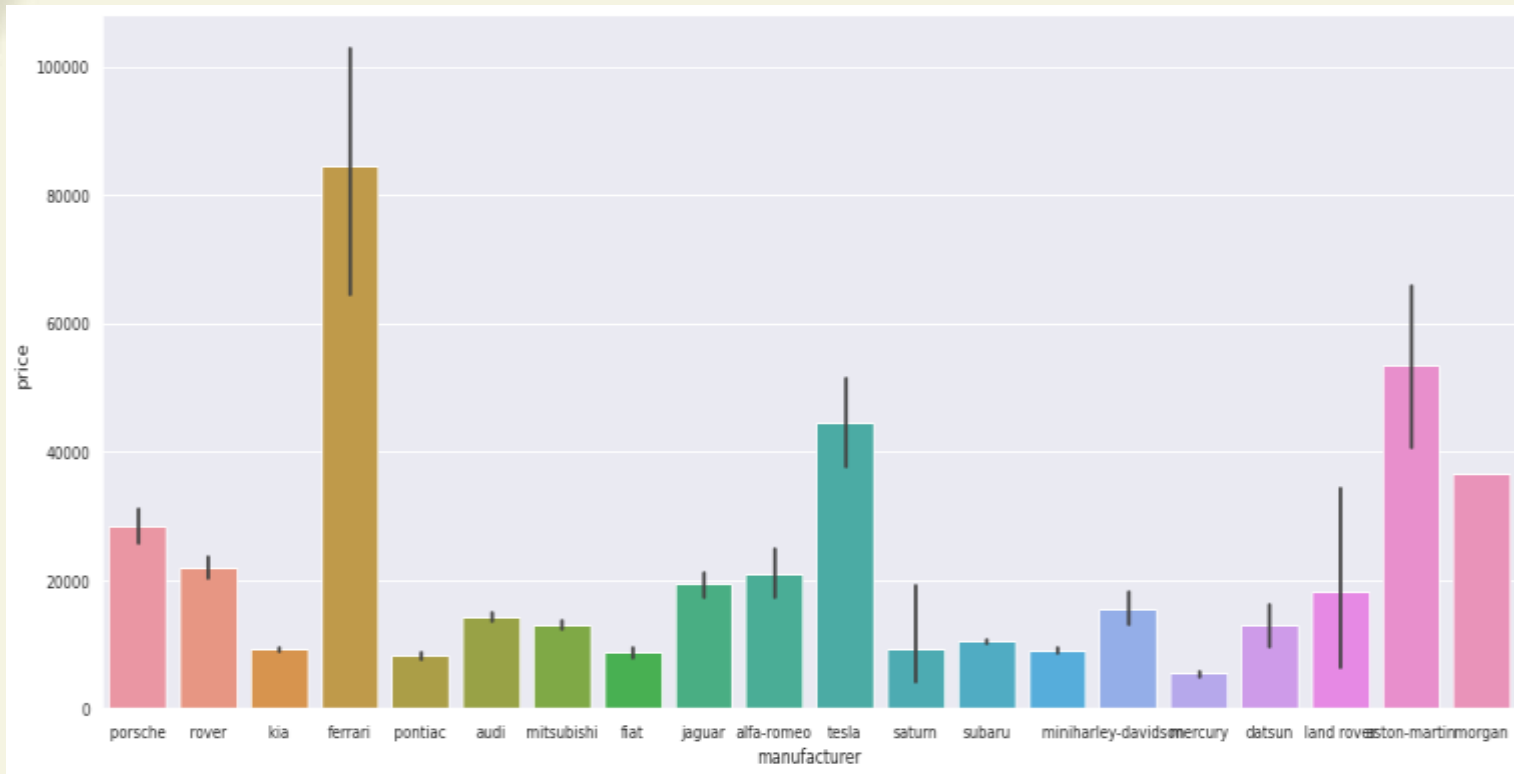
## Price vs Odome



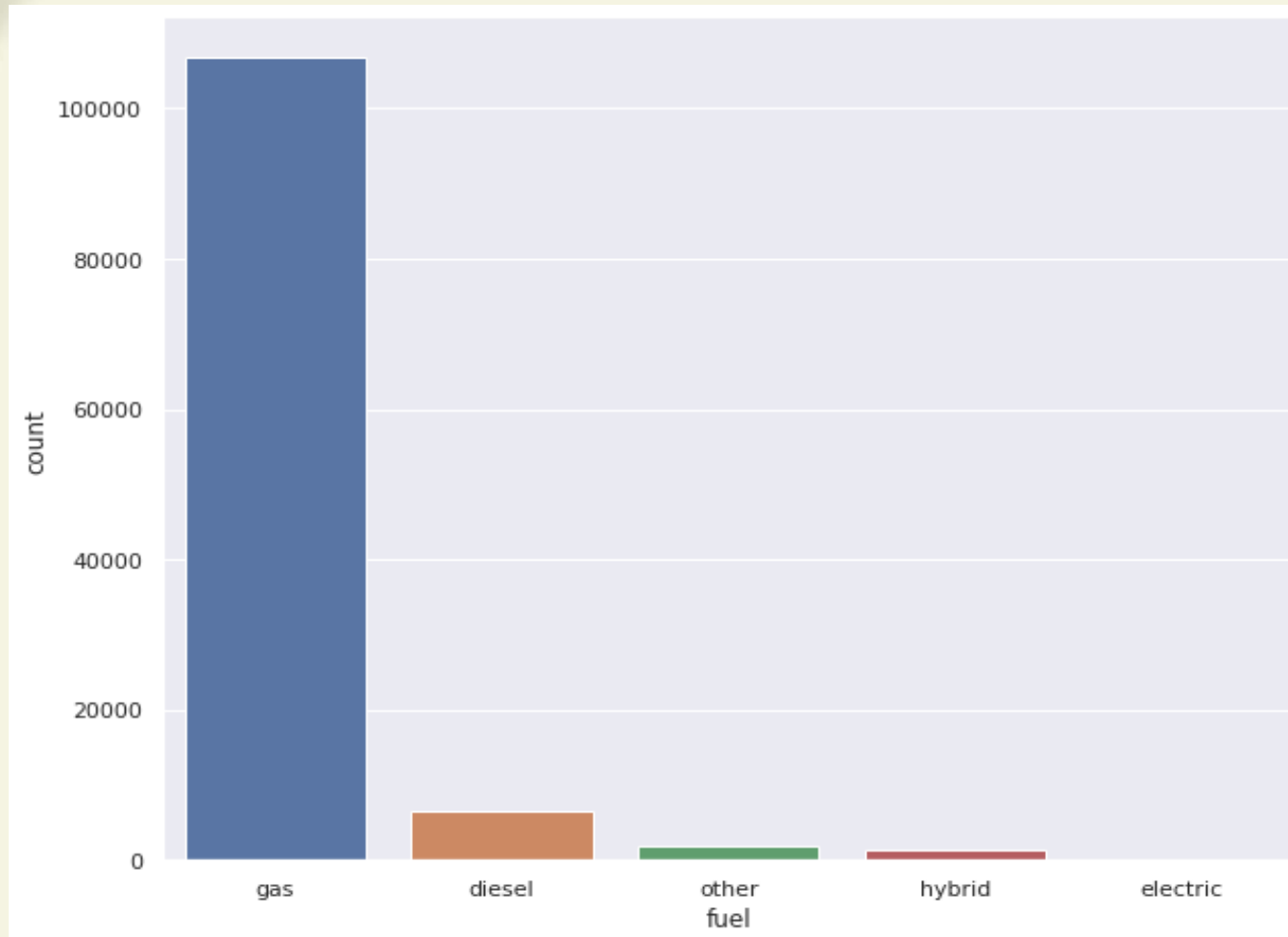
# Price vs Year



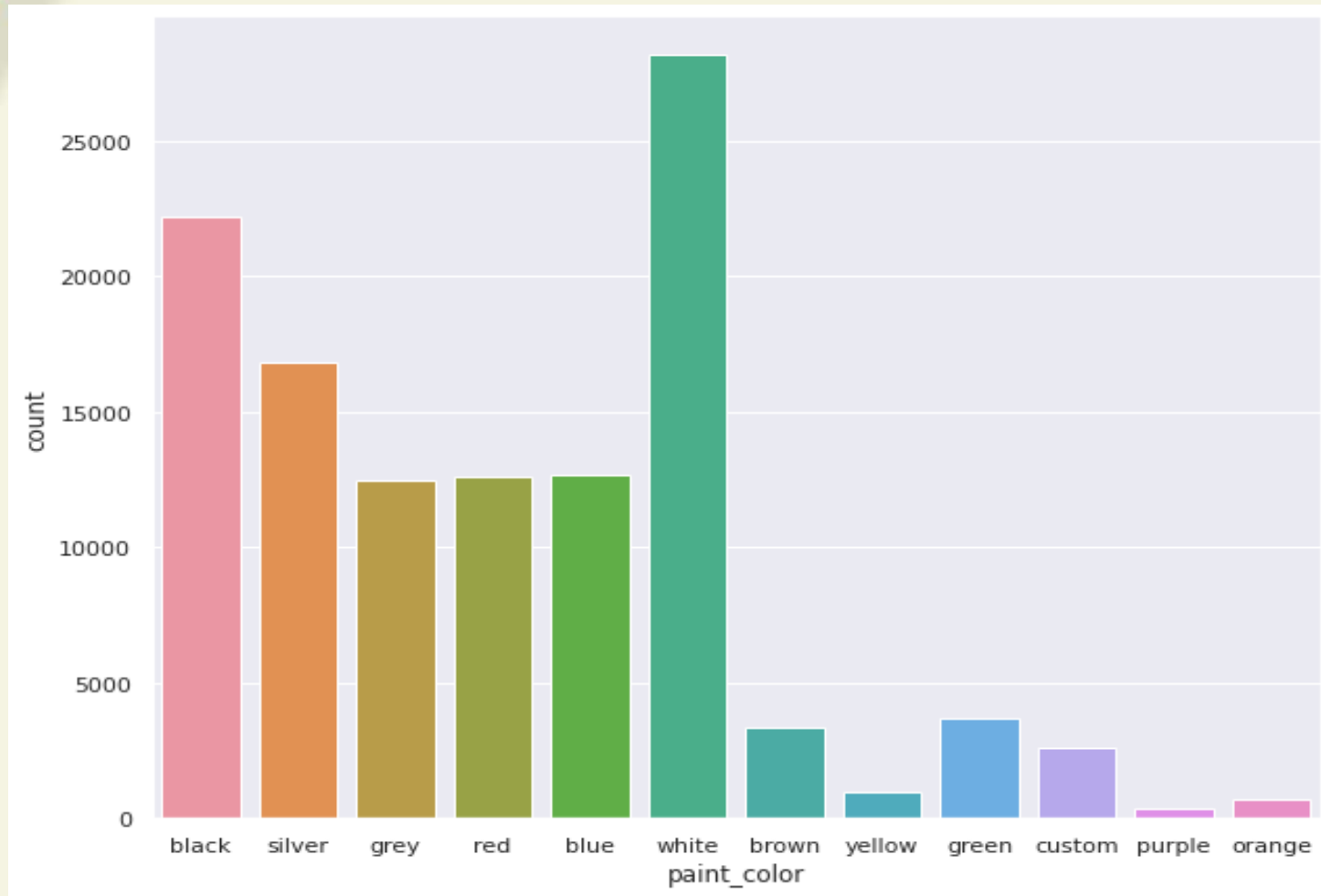
## HOW PRICE IS RELATED TO DIFFERENT KINDS OF MANUFACTURING



**What is the common Fuel type for used car**

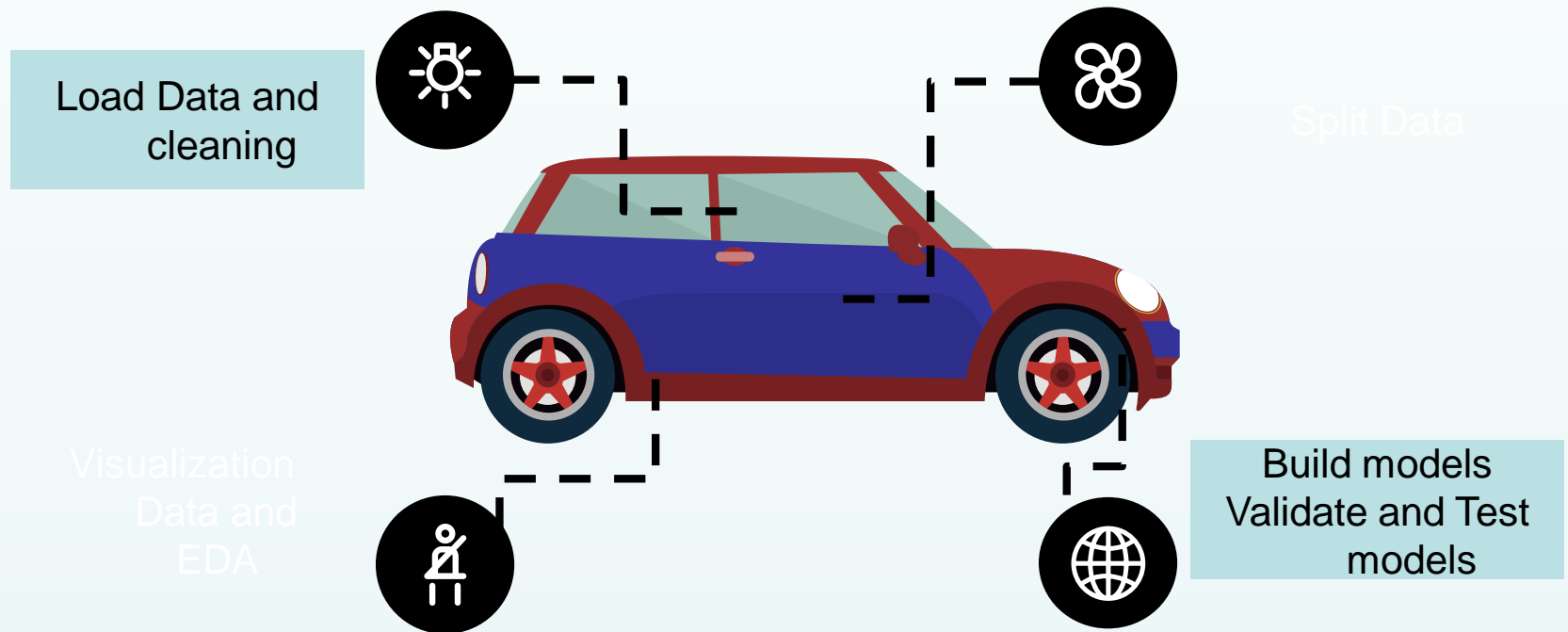


## What is the common color for used car





# Algorithm



## MODELS

	Model	R <sup>2</sup>	RMSE
0	Linear Regression	0.000484	2.805000e+10
1	Lasso	0.000485	2.629000e+10
2	LightGBM	0.807000	2.449000e+10
3	Random Forest	0.784000	1.247830e+01

An illustration of six cars parked in a lot, viewed from above. The cars are colored orange, teal, light blue, grey, yellow, and dark blue. They are arranged in two rows of three, separated by white parking lines. The background is split diagonally from the top-left to the bottom-right, with a dark blue/black upper-left section and a light cream lower-right section.

# Thank You.



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