Code Book

Original file (named car\_data):

Make: The manufactures of the car company

Model: The model’s name of the car

Year: The year of that the cars being made

Engine.Fuel.Type: The type of the fuel the cars are using

Engine.HP: The horsepower of the car

Engine.Cylinders: The number of the Cylinders of the car have

Transmission.Type: The transmission type of the cars like manual etc

Driven\_Wheels: The type of the driven wheel the car has like front wheel drive etc

Number.of.Doors: The number of doors the car have

Market.Category: The kind of the class the car is like luxury, performance etc

Vehicle.Size: The size of the car like compact

Vehicle.Style: The style of the car like sedan

highway.MPG: The mile per gallon in the highway

city.mpg: The mile per gallon in the city

Popularity: The rated popularity of the car people rated

MSRP: The market price of the cars

Modified data (named cars\_data\_processed):

make: The manufactures of the car company

model: The model’s name of the car

year: The year of that the cars being made

engine\_hp: The horsepower of the car

engine\_cylinders: The number of the Cylinders of the car have

number\_of\_doors: The number of doors the car has

msrp: The market price of the car

market\_category\_Crossover: Whether the market category is crossover or not. True for yes, False for no.

market\_category\_Exotic: Whether the market category is exotic or not. True for yes, False for no.

market\_category\_Diesel: Whether the market category is diesel or not. True for yes, False for no.

market\_category\_Luxury: Whether the market category is luxury or not. True for yes, False for no.

market\_category\_Factory\_Tuner: Whether the market category is factory tuner or not. True for yes, False for no.

market\_category\_High\_Performance: Whether the market category is high performance or not. True for yes, False for no.

market\_category\_Performance: Whether the market category is performance or not. True for yes, False for no.

market\_category\_Flex\_Fuel: Whether the market category is flex fuel or not. True for yes, False for no.

market\_category\_Hatchback: Whether the market category is hatchback or not. True for yes, False for no.

market\_category\_Hybrid: Whether the market category is hybrid or not. True for yes, False for no.

driven\_wheels\_AWD: Whether the driven wheels are all wheel drive or not. True for yes, False for no.

driven\_wheels\_FWD: Whether the driven wheels are front wheel drive or not. True for yes, False for no.

driven\_wheels\_RWD: Whether the driven wheels are rare wheel drive or not. True for yes, False for no.

driven\_wheels\_FoWD: Whether the driven wheels are four wheel drive not. True for yes, False for no.

Transmission\_Automated\_Manual: Whether the transmission type is automatic/manual or not. True for yes, False for no.

Transmission\_Automatic: Whether the transmission type is automatic or not. True for yes, False for no.

Transmission\_Direct\_Drive: Whether the transmission type is direct drive or not. True for yes, False for no.

Transmission\_Manual: Whether the transmission type is manual or not. True for yes, False for no.

vehicle\_style\_Coupe: Whether the vehicle style is Coupe or not. True for yes, False for no.

vehicle\_style\_Convertible: Whether the vehicle style is Convertible or not. True for yes, False for no.

vehicle\_style\_Sedan: Whether the vehicle style is Sedan or not. True for yes, False for no.

vehicle\_style\_Wagon: Whether the vehicle style is Wagon or not. True for yes, False for no.

vehicle\_style\_4dr\_Hatchback: Whether the vehicle style is 4 door Hatchback or not. True for yes, False for no.

vehicle\_style\_2dr\_Hatchback: Whether the vehicle style is 2 door Hatchback or not. True for yes, False for no.

vehicle\_style\_2dr\_SUV: Whether the vehicle style is 2 door SUV or not. True for yes, False for no.

vehicle\_style\_4dr\_SUV: Whether the vehicle style is 4 door SUV or not. True for yes, False for no.

vehicle\_style\_Cargo\_Minivan: Whether the vehicle style is Cargo Minivan or not. True for yes, False for no.

vehicle\_style\_Cargo\_Van: Whether the vehicle style is Cargo Van or not. True for yes, False for no.

vehicle\_style\_Convertible\_SUV: Whether the vehicle style is Convertible SUV or not. True for yes, False for no.

vehicle\_style\_Crew\_Cab\_Pickup : Whether the vehicle style is Crew Cab Pickup or not. True for yes, False for no.

vehicle\_style\_Extended\_Cab\_Pickup: Whether the vehicle style is Extended Cab Pickup or not. True for yes, False for no.

vehicle\_style\_Passenger\_Minivan: Whether the vehicle style is Passenger Minivan or not. True for yes, False for no.

vehicle\_style\_Passenger\_Van: Whether the vehicle style is Passenger Van or not. True for yes, False for no.

vehicle\_style\_Regular\_Cab\_Pickup: Whether the vehicle style is Regular Cab Pickup or not. True for yes, False for no.