Project

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Personal Vehicles Pricing and Features

Introduction

```
Cars_Data <- readxl::read_excel("Cars_Data.xls") # Reading XLS excel file
```

The Cars and Trucks Data lists specifications for 428 different vehicles from the year 2004, including factors related to the type of vehicle, prices, size, functionality, and fuel efficiency.

The data is accessible via the following link: http://jse.amstat.org/datasets/04cars.dat.txt

The variables contained in the data include the following:

- Type of Vehicle – the variants of vehicles named include the following: Sports, SUV, Wagon, Minivan, Pickup, AWD, RWD
- Dealer cost – the amount dealers pay manufacturers to buy the vehicle
- Engine size (liters)
- Number of Cylinders (=-1 if rotary engine)
- Horsepower
- City Miles per Gallon
- Highway Miles per Gallon
- Weight (pounds)
- Wheel Base (inches)
- Length (inches)
- Width (inches)

```
sum(is.na(Cars_Data)) # We see that there are no NAs.
```

```
## [1] 0
```