Final Project Data Manual

This is a dataset of the models of cars in 1993 with relevant information about their dimensions and attributes. This data was taken from a github account of datasets for use in data science found at <http://vincentarelbundock.github.io/Rdatasets/datasets.html>.

**Variables**

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| Variable Name | Variable Description |
| Manufacturer | The company that manufactures the automobile |
| Model | The name of the automobile |
| Type | Type of Vehicle (Small, Midsize, Large, Compact, Van, Sporty) |
| Min.Price | The lowest price a car was sold at |
| Max.Price | The maximum price a car was sold at |
| Price | MSRP of the vehicle |
| MPG.city | City miles per gallon |
| MPG.highway | Highway miles per gallon |
| AirBags | If and where airbags were located (None, Driver only, Driver & Passenger) |
| DriveTrain | Drive of the car (Front, 4WD, Rear) |
| Cylinders | Number of cylinders in engine |
| EngineSize | Engine displacement |
| Horsepower | Horsepower of the vehicle |
| RPM | Revolutions per minute, Redline RPM |
| Rev.per.mil | Revolutions necessary to travel a mile |
| Man.trans.avail | Whether a manual transmission version was available (Yes, No) |
| Fuel.tank.capacity | How much fuel the fuel tank could hold |
| Passengers | The number of people the car was designed to hold |
| Length | The Length of the car |
| Wheelbase | The distance from front axle to rear axle |
| Width | Width of the car |
| Turn.circle | The turn radius of the car |
| Rear.seat.room | How much room is in the backseat (NA is an option) |
| Luggage.room | Trunk space (NA is an option) |
| Weight | The weight of the car |
| Origin | Whether the car is domestic or not (USA, non-USA) |
| Make | The manufacturer and model. Eg. Honda Civic |