1. Data collected for several hundred used General Motors (GM) cars allows us to develop a

multivariate regression model to determine car values based on a variety of characteristics such as mileage, make, model, cruise control, and so on.

* Price: suggested retail price of the used GM car.
* Mileage: number of miles the car has been driven
* Make: manufacturer of the car such as Cadillac, Pontiac, and Chevrolet
* Cylinder: number of cylinders in the engine
* Liter: a more specific measure of engine size
* Cruise: indicator variable representing whether the car has cruise control (1 = cruise)
* Sound: indicator variable representing whether the car has upgraded speakers (1 =
* upgraded)
* Leather: indicator variable representing whether the car has leather seats (1 = leather)

**No question asked**



