SESSION 17: R FOR BUSINESS ANALYTICS (CONTD.)

Assignment 2

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**1. Introduction**

This assignment will help you understand the concepts learnt in the session.

**2. Objective**

To understand the concepts in R.

**3. Prerequisites**

Not applicable.

**4. Associated Data Files**

N/A

**5. Problem Statement**

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)

Solutions:































