



ACADGILD

SESSION 17: R FOR BUSINESS ANALYTICS (CONTD.)

Assignment 2

Table of Contents

1. Introduction	3
2. Objective	3
3. Prerequisites	3
4. Associated Data Files	3
5. Problem Statement	3
6. Expected Output	3
7. Approximate Time to Complete Task	3

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)

6. Expected Output

N/A

7. Approximate Time to Complete Task