

# **ACADGILD**

# SESSION 3: FOUNDATIONAL R PROGRAMMING

Assignment 4

## Data Analytics

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#### 1. Introduction

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

#### 2. Objective

This assignment will test your skills on Operations on Data Structures in R.

#### 3. Prerequisites

Not applicable.

#### 4. Associated Data Files

Not applicable.

#### 5. Problem Statement

- A. Implement user defined functions within apply function using the mtcars data set and produce column wise summary statistics using apply function and mtcars dataset.
- B. write a program to extract the names of the list.

Ans: Refer R Code 3.4

#### Data Analytics

### **6. Expected Format**

- 1. R file should be submitted where applicable.
- 2. R file should be in PDF or in .r format
- 3. Proper screenshots of the outputs should be submitted as well
- 4. The r codes, if submitted in any other format, will be subjected to deduction in marks

Note: Your solution will not be entertained if it is any other format, e.g., .zip, .doc, .rtf etc.

### 7. Approximate Time to Complete Task

30 mins.