SESSION 5: Data Management Using R

Assignment 2

Table of Contents

1. Introduction

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

2. Objective

This assignment will test your skills on Performing SET operations in R.

3. Prerequisites

Not applicable.

4. Associated Data Files

Not applicable.

5. Problem Statement

1. obtain the elements of the union between two character vectors.

   ```
   vec1 = c(rownames(mtcars[1:15,]))
   vec2 = c(rownames(mtcars[10:32,]))
   ```

   Ans: Refer R Code 5.2

2. Get those elements that are common to both vectors

   ```
   vec1 = c(rownames(mtcars[1:15,]))
   vec2 = c(rownames(mtcars[10:32,]))
   ```

   Ans: Refer R Code 5.2

3. Get the difference of the elements between two character vectors.

```
vec1 = c(rownames(mtcars[1:15,]))
vec2 = c(rownames(mtcars[10:32,]))
```
Ans: Refer R code 5.2

4. Test the equality of two character vectors

```
vec1 = c(rownames(mtcars[1:15,]))
vec2 = c(rownames(mtcars[11:25,]))
```

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.