ACADGILD

SESSION 4: FOUNDATIONAL R PROGRAMMING-II

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 foundational R Programming- writing functions.

3. Prerequisites

Not applicable.

4. Associated Data Files

Not applicable.

5. Problem Statement

1. x <- c('data.science.in.R','machine.learning.in.R')

   Perform the below string operation:
   - **Replace the period character "." within each string with another character
     i.e. "-" minus sign**.

ANS: x <- c('data.science.in.R','machine.learning.in.R')
           gsub("[.]", "-", x)

```
> x <- c('data.science.in.R','machine.learning.in.R')
> gsub("[.]", "-", x)
[1] "data-science-in-R"     "machine-learning-in-R"
>
```

2. x <- c('data.science.in.R','machine.learning.in.R')

Perform the below String operation:

- **Append again with "-" minus sign character at the start of each string and finally concatenate all the string within the vector to form a final single string and assigning it to some object**

ANS: y=gsub("[.]", "-", x)
        Y

```
>
> y=gsub("[.]", "-", x)
> y
[1] "data-science-in-R"     "machine-learning-in-R"
>
>
```