SESSION 1: INTRODUCTION

Assignment 1

1. Problem Statement

1. Please mention true or false for the below statements:
    a) Prescriptive Analytics is used to predict the future outcomes - **True**
    b) Base R packages are installed automatically - **True**

2. What is Recycling of elements in a vector?

   Recycling occurs when vector arithmetic is performed on multiple vectors of different sizes. R takes the shorter vector and repeats them until it becomes long enough to match the longer one

3. Give an example of recycling of elements.

```
> c(1, 2, 3, 4, 5, 6)+c(1, 3)
  [1]  2  5  4  7  6  9
```

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

20 mins.