**Assignment 1.1**

* Problem Statement

1. Say True or False for the below statements:

* Prescriptive Analytics used to predict the future outcomes?
  + False
* Base R packages installed automatically?
  + True

1. What is Recycling of elements in a vector?
   1. Recycling of elements in a vector 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.
2. Give an example of recycling of elements.
   1. c(1,2,3,4,5) + c(1,3)

Note: Here vector - c(1,3) is shorter than the longer vector so it recycles and repeats itself to provide the vector as – c(1,3,1,3,1)

Ans 🡪 c(2,5,4,7,6)