**Assignment 1.1**

1. Say True or False for the below statements:

• Prescriptive Analytics used to predict the future outcomes?

**Answer : False**

**Predictive analytics predict the future outcomes given the historical data.**

• Base R packages installed automatically?

**Answer : True**

**Answer :**

2. What is Recycling of elements in a vector?

***Answer :*** *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.

Eg.

c(1,2,3,4,5,6) + c(1,3)

[1] 2 4 3 7 6 9