1. Say True or False for the below statements:

• Prescriptive Analytics used to predict the future outcomes?

Ans. False. prescriptive analytics is about recommendations and what action is required.

• Base R packages installed automatically?

Ans. True. Base R packages comes with R Studio.

2. What is Recycling of elements in a vector?

Ans. R automatically recycles, or repeats, elements of the shorter Vector

When applying an operation to two vectors that requires them to be the same length, R automatically recycles,

or repeats, elements of the shorter one, until it is long enough to match the longer Vector.

3. Give an example of recycling of elements.

Ans.Ex-1 m<-c(1,2,4)

n<-c(6,0,9,10,13)

Here vector m has only 3 elements and vector n has 5 elements.

when we add the two it will give following results.

[1] 7 2 13 11 15

but it will give us warning message saying

longer object length is not a multiple of shorter object length