1. Say True or False for the below statements:

• Prescriptive Analytics used to predict the future outcomes?

False

• Base R packages installed automatically?

True

2. What is Recycling of elements in a vector?

R considers on vectors of the same length, so if it encounters two vectors of different lengths in a binary operation or any mathematical operation, it merely replicates (*recycles*) the smaller vector until it is the same length as the longest vector, then it provides an output.

3. Give an example of recycling of elements.

> x<-c(1,2,3,4,5)

> y<-c(1,2)

> x\*y

[1] 1 4 3 8 5

Warning message:

In x \* y : longer object length is not a multiple of shorter object length