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Assignment – 1.1

**5. Problem Statement**

1. Say True or False for the below statements:

• Prescriptive Analytics used to predict the future outcomes? **TRUE**

• Base R packages installed automatically? **FALSE**

2. What is Recycling of elements in a vector?

Answer:

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.

Answer:

> c(4,5,74) + c(6,0,9,10,13)

[1] 10 5 83 14 18

Warning message:

In c(4, 5, 74) + c(6, 0, 9, 10, 13) :

longer object length is not a multiple of shorter object length

> c(4,5,74,4,5) + c(6,0,9,10,13)

[1] 10 5 83 14 18