

INTRODUCTION: Session 1 Assignment submission

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1. Please Mention true or False for the below statements:

a) Prescriptive Analytics is used to predict the future outcomes

Ans: True

b) Base R packages are installed automatically

Ans: True

2. What is Recycling of elements in a Vector?

Ans: When we perform vector arithmetic operation on vectors of different size, instead of erroring out R perform recycling. 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

Ans: Suppose we try to add vector (1,2,3,4) with vector (1,3), R perform recycling

So it will convert them as

$C(1,2,3,4) + c(1,3,1,3) \rightarrow$ it repeats $c(1,3)$ as $c(1,3,1,3)$ to match the longer vector

Output : 2 5 4 7