

## 1.1

1. Say True or False for the below statements:

- Prescriptive Analytics used to predict the future outcomes? - **False**
- Base R packages installed automatically? - **False**

2. What is Recycling of elements in a vector?

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.

```
> c(1,2,3,4,5,6) + c(1,3)
[1] 2 4 3 7 6 9
```

the `c(1,3)` vector repeated itself to form `c(1,3,1,3,1,3)` so that it could successfully match the previous term.

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