



DATA ANALYTICS WITH R, EXCEL AND TABLEAU

Assignment 1.1

Name – Abhilash Singh

1. Please mention true or false for the below statements:

a) Prescriptive Analytics is used to predict the future outcomes - [False](#)

b) Base R packages are installed automatically - [True](#)

2. What is Recycling of elements in a vector?

Answer: - Recycling of elements in vector means, in R, when applying any calculation or operation to two vectors that need to be same length. R automatically repeat elements of the shorter one till match the longer one.

Example:

```
>c(2,3,4,5,6) +c(7,8,9)
```

```
[1] 9 11 13 12 14
```

3. Give an example of recycling of elements.

Answer:

```
>c(2,3,4,5,6) +c(7,8,9)
```

```
[1] 9 11 13 12 14
```

-----XXX-----