**Data Analytics with R, Excel and Tableau**

**Session – 1**

**Assignment – 1\_1**

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Q1: **True or False**

* Prescriptive Analytics used to predict future outcomes?

**True, prescriptive analytics is used to predict future outcomes**.

* Base R package installed automatically?

**True, Base R packages installed automatically**.

Q2: **Recycling of elements in a Vector.**

Ans: Recycling of elements in a vector is when R automatically recycles, or repeats, elements of the shorter vector, until it is long enough to match the longer Vector. 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.

Q3: **Example of Recycling of elements in R.**

Ans: c(1,2,3,4,5,6,7,8) + c(4,2)

* c(1,2,3,4,5,6,7,8) + c(4,2,4,2,4,2,4,2) //shorter vector is repeated

Ans: 5 4 7 6 9 8 11 10