**Answers**

5. Problem Statement  
  
1. **False** statement, Prescriptive Analytics is used to predict future outcomes.  
   
 **True** statement, Base R packages are installed automatically.   
  
2. **Recycling of Elements in a vector**  
  
When an operation is performed between vectors of 2 different lengths, which is required to be of same length, R automatically recycles or repeats the shorter one, until it is long enough to match the longer one.  
  
3.**Example of Recycling of Elements:-**   
  
> c(1,2,3,4,5) + c(1,3)

[1] 2 5 4 7 6

Warning message:

In c(1, 2, 3, 4, 5) + c(1, 3) :

longer object length is not a multiple of shorter object length.