1. Learning Journal Reflective Comments:

Tuesday 16 November

I completed reading through the learning guide, installed R without any issues, added my submission for the Discussion Forum and completed the Self-Quiz until I achieved 100%, making notes of any questions I struggled with and noting the correct answers as well as a short explanation on why I got it wrong and why the right answer is the right one.

Wednesday 17 November

I completed the Learning Journal.

2. Vocabulary and R functions

The table function works with an input of integer values, and tables the frequency that each value appears in. The first row is an array or a list of the integer values that appear in the parameter provided as input, each value appearing only once with no doubles. The second row is the frequency that each value appears in, for example, how many times 2 appears in the parameter list or array provided as input.

3. Task (References: Question 1.1 page 10-12 and self-Quiz Unit 1 Question 6 and 7)

a) If I were a teacher and had 30 students in my class and wanted to know the class average on the first quiz, I would use a statistic as a statistic would provide me with an average of all 30 students which is in essence what I am looking for.

b) If I wanted to know how many people in my country recognize the name of my new company, I would use a parameter as a statistic is an average or percentage value, and what I am looking for here is a count value. What I want to know is the amount of people in my country who recognize my company name and this is best counted as a parameter. Should I later wish to map this to a percentage of the country population I could, although I doubt that statistic would be useful. A statistical increase when measuring this again would probably be more useful.