**Probability and Statistics (IT2110) - 2022**

**R Online Assignment**

**Instruction Sheet – Data Set**

Import your dataset into R and study it using descriptive statistics and visualization methods in R.

**Data Set**: You have provided a data set of containing the details from a survey on social and other kinds of support. Description of the variables has given below.

|  |  |
| --- | --- |
| gender | * Female or Male. |
| age | * Age in years with levels 18-20, 21-24, 25-30, 31-40 and 40+ |
| country | * A factor with levels Australia and other. |
| marital | * A factor with levels married, single and other. |
| livewith | * A factor with levels alone, friends, parents, partner, residences and other. |
| employment | * A factor with levels employed fulltime, employed part-time, govt assistance, parental support and other. |
| firstyr | * A factor with levels first year and other. |
| enrolment | * A factor with levels full-time and part-time. |
| emotional | * Summary of 5 questions on emotional support availability which is numerical. |
| emotionalsat | * Summary of 5 questions on emotional support satisfaction which is numerical. |
| tangible | * Summary of 4 questions on availability of tangible support which is numerical. |
| tangiblesat | * Summary of 4 questions on satisfaction with tangible support which is numerical. |
| affect | * Summary of 3 questions on availability of affectionate support sources which is numerical. |
| affectsat | * Summary of 3 questions on satisfaction with affectionate support sources which is numerical. |
| psi | * Summary of 3 questions on availability of positive social interaction which is numerical. |
| psisat | * Summary of 3 questions on satisfaction with positive social interaction which is numerical. |
| esupport | * Summary of 4 questions on extent of emotional support sources which is numerical. |
| psupport | * Summary of 4 questions on extent of practical support sources which is numerical. |
| supsources | * Summary of 4 questions on extent of social support sources (formerly, socsupport) which is numerical. |
| BDI | * Score on the Beck depression index (summary of 21 questions) which is numerical. |