

# **Exercise – Input Output in R**

1. There are three csv files named S1\_A1.csv, S1\_A2.csv and S1\_A3.csv. You will need to read these three flat files using R.
2. These three files present a few challenges:

* Missing values in some of these files are not populated as NA in raw data, you will need to handle this peculiarity while data import. (Hint, carefully read the doc string of the import function you are using)
  + One file, S1\_A2.csv has missing header, while reading this file you’ll need to compensate for this. After the data import, add headers with name “Age” and “Income”
  + There might be some files where some rows in the data might be irrelevant, while importing data compensate for this.

1. Load the package ggplot2 and the dataset “msleep” into the workspace. Choose the columns name, genus, vore, and sleep\_total from the dataset and store it in a new dataset. Save the converted data set in your working directory using write.csv () function.
2. Load the package “XLConnect” to read excel files. Write a code to load the workbook retail.xlsx. Once you have read in the file, read the two worksheets data1 and data2 separately into two data frames.

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