**Assignment** **3.1**

 **Problem Statement**

1. **How to Import SAS XPORT files into R with the foreign package?**

**Answer :**

library(foreign) # loads the foreign package

setwd("C:/Users/manasa/Desktop/R/") # setting up the working dir

lookup.xport("test2.xpt") # lookup Information on a SAS XPORT FormatLibrary

testSASfile <- read.xport("test2.xpt") # Import SAS XPORT files

head(testSASfile) # disply

1. **How to Import SAS Files into R with the Haven package?**

**Answer :**

library(haven) # loads haven package

sas <- read\_sas('nats2012.sas7bdat', 'formats.sas7bcat') # reads sas7bdat file sas

1. **How to read Weka Attribute-Relation File Format (ARFF) files in R?**

**Answer :**

library(foreign) # loads foreign package as arff can be read/write in this from 3.4 R

arff <- read.arff("C:/Users/manasa/Desktop/R/test.arff") # reads arff file

1. **How to read a heavy csv/tsv file using readr package?**

**Answer :**

install.packages("readr") # installing readr package

library(readr) # loading the package

read\_csv(file, col\_names = TRUE) # Read comma (",") separated values

read\_csv2(file, col\_names = TRUE) # Read semicolon (";") separated values

read\_tsv(file, col\_names = TRUE) # Read tab separated values