**Assignment 3.1**

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

First we need to install the package "SASxport"

install.packages("SASxport")

Then we need to call it in library

library(SASxport)

We can import the SAS XPORT files with the below command

read.xport(file, force.integer=TRUE, formats=NULL, name.chars=NULL, names.tolower=FALSE, keep=NULL, drop=NULL, as.is=0.95, verbose=FALSE, as.list=FALSE, include.formats=FALSE )

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

install.packages("Haven")

library(Haven)

read\_sas(data\_file, catalog\_file = NULL, encoding = NULL,

catalog\_encoding = encoding, cols\_only = NULL)

write\_sas(data, path)

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

read.arff(file)

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

install.packages("readr")

library("readr")

read\_csv(file, col\_names = TRUE)