**Assignment 3.1**

* Problem Statement

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

library(SASxport)

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

)

1. 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)

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

install.packages("foreign")

library(foreign)

read.arff(file)

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

library(readr)

read\_csv(file, col\_names = TRUE, col\_types = NULL,

locale = default\_locale(), na = c("", "NA"), quoted\_na = TRUE,

quote = "\"", comment = "", trim\_ws = TRUE, skip = 0, n\_max = Inf,

guess\_max = min(1000, n\_max), progress = show\_progress())

read\_csv2(file, col\_names = TRUE, col\_types = NULL,

locale = default\_locale(), na = c("", "NA"), quoted\_na = TRUE,

quote = "\"", comment = "", trim\_ws = TRUE, skip = 0, n\_max = Inf,

guess\_max = min(1000, n\_max), progress = show\_progress())

read\_tsv(file, col\_names = TRUE, col\_types = NULL,

locale = default\_locale(), na = c("", "NA"), quoted\_na = TRUE,

quote = "\"", comment = "", trim\_ws = TRUE, skip = 0, n\_max = Inf,

guess\_max = min(1000, n\_max), progress = show\_progress())