**ASSIGNMENT – 3.1**

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

ANSWER: The SAS XPORT files can be imported into R using the read.xport function in the foreign package. It also returns the dataset contained in the file

Usage:

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

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

ANSWER: The SAS files can be imported with Haven package using the read\_sas function. This function also supports sas7bdat files and those accompanying it for record value labels.

Usage:

**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?

ANSWER: The Weka Attribute-Relation File Format files can be read into R using the “read\_arff” function in the foreign package. A newer version with faster reading capability is “farff” function

Usage:

**read\_arff(file)**

**readARFF (path, data.reader = “readr”, tmp.file = temp(), convert.to.logicals = TRUE, show,info = TRUE)**

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

The readr package contains functions which can read csv, tsv, and csv2 files.

Usage:

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

**read\_tsv(file, col\_names = TRUE)**