**SESSION -3 – INTRODUCTION TO WORKING WITH R**

**ASSIGNMENT 1**

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

Ans.

**#in R**

**library(Hmisc)**

**mydata<- sasxport.get(“C:/mydata.xpt)**

**# Character variables are converted into R Factors**

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

Ans.

**install.packages(“haven”)**

**library(haven)**

**read\_sas()**

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

Ans.

* **Data from Weka Attribute-Relation File Format (ARFF) can be read in with the read.arff() function.**
* **>library(foreign)**
* **data<- read.arff(“Path to your File”)**

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

Ans.

* **One of the faster packages that you may use to import your big data set into R could be the [readr](https://cran.r-project.org/web/packages/readr/index.html) package, which allows you to read tabular text data, just like read.table. Nevertheless, the [readr](https://cran.r-project.org/web/packages/readr/index.html) package offers “a number of replacement functions that provide additional functionality and are much faster”**

**>df<- read\_table(“path to your file”,col\_names=TRUE)**

**the [readr](https://cran.r-project.org/web/packages/readr/index.html) package also offers the functions read\_csv(), read\_csv2(), read\_delim(), read\_fwf(), read\_tsv() and many other functions that go faster than their original ones**