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

**Answer.:**

**# save SAS dataset in trasport format  
libname out xport 'c:/mydata.xpt';  
data out.mydata;  
set sasuser.mydata;  
run;  
  
# in R   
library(Hmisc)  
mydata <- sasxport.get("c:/mydata.xpt")  
# character variables are converted to R factors**

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

**Answer.:**

**The haven package**

**The**[**haven**](https://cran.r-project.org/package=haven)**package provides functions for importing from SAS, SPSS and Stata file formats, read\_sas(), read\_sav() and read\_dta(). This functionality is similar to that available in the base R foreign package but is often faster, can read SAS7BDAT files and formats, works with Stata 14 and 14 files. Following is the code to read SAS7BDAT.**

**install.packages("haven")**

**library(haven)**

**dat = read\_sas("path to file", "path to formats catalog")**

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

**Answer.:**

**setwd()**

**library(foreign)**

**read.arff(file)**

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

**Answer.:**

**ibrary(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\_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())**