ACADGILD ASSIGNMENT - 2.3

1) How to Import SAS XPORT Files into R With The foreign package.

ANSWER:
Install the sas7bdat package. Load it, and then invoke the read.sas7bdat() function contained within the package.

Note that you can also use the **foreign** library to load in SAS data in R. In such cases, we start from a SAS Permanent Dataset or a SAS XPORT Format Library with the `read.ssd()` and `read.xport()functions`.
For users that also want to import SAS files into R, it's quite simple For starters, install the *sas7bdat* package. Load it, and then invoke the read.sas7bdat () function contained within the package

Library (foreign)
Not run: ## no XPORT file is installed
read.xport("vb.xpt")

2) How to Import SAS Files into R With The haven Package?

ANSWER:
Install.packages("haven")
library(haven)
read_sas("mtcars.sas7bdat")
write_sas(mtcars, "mtcars.sas7bdat")

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

ANSWER:
Install.packages("RWeka")
library(RWeka)
read.arff(system.file("arff", "contact-lenses.arff"))

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

ANSWER: Compared to R base functions, **readr** functions are:
      1. much **faster** (X10)

      2. have a **helpful progress bar** if loading is going to take a while and

      3. All functions work exactly the same way.

      # Installing
      install.packages("readr")
      library("readr**")**
- **read_csv**(): to read a comma (",") separated values
- **read_csv2**(): to read a semicolon (";") separated values
- **read_tsv**(): to read a tab separated ("\t") values