

ACADGILD ASSIGNMENT 2.3

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

Answer: 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?

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