



**ACADGILD**

# SESSION 2: INTRODUCTION to working with R

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Assignment 3

## 1. Problem Statement

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

Ans :The foreign package with the read.xport() function also allows you to get your SAS XPORT files into R:

```
library(foreign)
data <- read.xport("C:/Users/vmeiyazhaga2/OneDrive - DXC
  Production/Vadivu Personal/ACAD_Gild/R_Script/mtcatdog.xpt ")
```

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

Ans: Just like the foreign and the sas7bdat packages, the haven package also allows you to read in b7dat files into R with the read\_sas() function:

```
library(haven)
data <- read_sas("C:/Users/vmeiyazhaga2/OneDrive - DXC
  Production/Vadivu
  Personal/ACAD_Gild/R_Script/mtcatdog.sas7bdat")
data
```

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

Ans: Data from Weka Attribute-Relation File Format (ARFF) files can be read in with the read.arff() function:

```
library(foreign)
data <- read.arff("C:/Users/vmeiyazhaga2/OneDrive - DXC
  Production/Vadivu Personal/ACAD_Gild/R_Script/contract-
  lenses.arff")
```

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

Ans :

```
library(tidyverse)
mydata <- read_tsv("C:/Users/vmeiyazhaga2/OneDrive - DXC
  Production/Vadivu Personal/ACAD_Gild/R_Script/mtcars.txt")
mydata <- read_csv("C:/Users/vmeiyazhaga2/OneDrive - DXC
  Production/Vadivu Personal/ACAD_Gild/R_Script/mtcars.csv")
```