

How do I import SPSS files into R in a step-by-step process?

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The process of importing SPSS files into R can be accomplished in a few easy steps. First, ensure that both SPSS and R are installed on your computer. Next, open R and install the "foreign" package by typing "install.packages("foreign")" into the R console. Once the package is installed, load it into your R session by typing "library(foreign)". Then, navigate to the SPSS file you wish to import and save it to your working directory. Finally, use the "read.spss" function from the "foreign" package to import the SPSS file into R. This will create a data frame in R with the same variables and values as the original SPSS file. With these simple steps, you can easily import SPSS files into R for further analysis and manipulation.

Import SPSS Files into R (Step-by-Step)

The easiest way to import SPSS files into R is to use the `read_sav()` function from the library.

This function uses the following basic syntax:

```
data <- read_sav('C:/Users/User_Name/file_name.sav')
```

The following step-by-step example shows how to import a SPSS file into R in practice.

Step 1: Download a SPSS File

For this example, we'll download the SPSS file called `healthdata.sav` from .

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These are SPSS data files for use in our lessons. Some are my data, a few might be fictional, and some come from [DASL](#). DASL is a good place to find extra datasets that you can use to practice your analysis techniques. I'd really recommend doing this.

To use these files, click the links with your right mouse button and choose 'Save target as...'. Save the files to your computer's desktop and then double-click them to load them into SPSS ready for analysis.

Data exploration and differences between two groups

- [PsychBike.sav](#) - data from bicycle overtaking project
- [stereograms.sav](#) - data from people looking at SIRDS
- [healthdata.sav](#) - data from people offered a CD of relaxation exercises
- [scents.sav](#) - the time taken to complete a maze with and without a strong scent

Correlation, partial correlation and regression

- [distance.sav](#) - These data show how far, on average, each person in the UK drives each year. We can look at the relationship between time and how far people drive.

Step 2: Install haven Package

Next, we'll install the haven package in R:

```
install.packages('haven')
```

We'll then load the package:

```
library(haven)
```

Step 3: Import the SPSS File

Next, we'll use the `read_sav()` function to import the SPSS file:

```
data <-  
read_sav('C:/Users/bob/Downloads/healthdata.sav')
```

Once we've imported the SPSS file, we can get a quick summary of the data:

```
#view class of data
```

```
class(data)
```

```
"tbl_df" "tbl" "data.frame"
```

```
#display dimensions of data frame
```

```
dim(data)
```

```
185 3
```

```
#view first six rows of data
```

```
head(data)
```

```
CD EXERC HEALTH
```

```
1 1 3 6
```

2 2 3 7

3 2 5 6

4 2 5 3

5 1 5 6

6 2 2 3

The following tutorials explain how to import other file types into R:

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