

# How to import .XLSX and .CSV files into R

## Importing a .XLSX file into R

1. First call the `read_excel()` function into the R console by using the following line of code:

```
library("readxl")
```

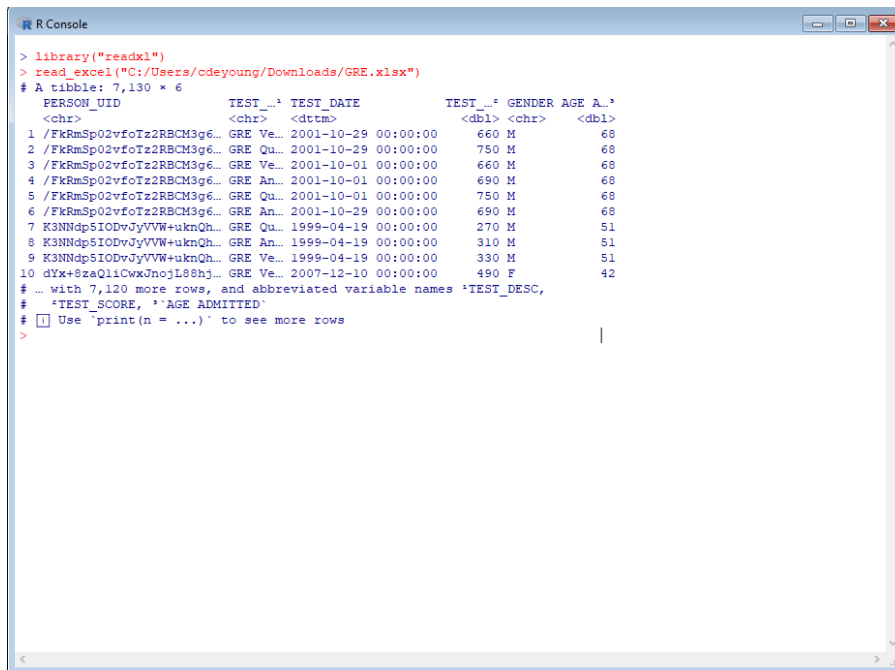
2. Then press enter
3. Then use the `read_excel()` function to call your desired data file into the console using the following line of code:

```
read_excel("Path where your Excel file is stored/File Name.xlsx")
```

\*note be sure to use forward slashes "/" OR double back slashes "\\" in your file path or you will receive an error message.

4. Press enter

Your console should now give you a preview of the first 10 lines of data



```
R Console
> library("readxl")
> read_excel("C:/Users/odeyoung/Downloads/GRE.xlsx")
# A tibble: 7,130 × 6
  PERSON_UID TEST_ID TEST_DATE TEST_SCORE GENDER AGE ADMITTED
  <chr> <chr> <dtm> <dbl> <chr> <dbl>
1 /FKRmSp02wfoTz2RBCM3g6... GRE Ve.. 2001-10-29 00:00:00 660 M 68
2 /FKRmSp02wfoTz2RBCM3g6... GRE Qu.. 2001-10-29 00:00:00 750 M 68
3 /FKRmSp02wfoTz2RBCM3g6... GRE Ve.. 2001-10-01 00:00:00 660 M 68
4 /FKRmSp02wfoTz2RBCM3g6... GRE An.. 2001-10-01 00:00:00 690 M 68
5 /FKRmSp02wfoTz2RBCM3g6... GRE Qu.. 2001-10-01 00:00:00 750 M 68
6 /FKRmSp02wfoTz2RBCM3g6... GRE An.. 2001-10-29 00:00:00 690 M 68
7 K3NNdpS1ODvJyVWw+uknOh... GRE Qu.. 1999-04-19 00:00:00 270 M 51
8 K3NNdpS1ODvJyVWw+uknOh... GRE An.. 1999-04-19 00:00:00 310 M 51
9 K3NNdpS1ODvJyVWw+uknOh... GRE Ve.. 1999-04-19 00:00:00 330 M 51
10 dYx+8zaQ1lCwxJnojl88hj... GRE Ve.. 2007-12-10 00:00:00 490 F 42
# ... with 7,120 more rows, and abbreviated variable names `TEST_DESC`,
# `TEST_SCORE`, `AGE ADMITTED`
# [ ] Use `print(n = ...)` to see more rows
>
```

## Importing a .CSV file into R

1. To import a CSV file into R use the `read.csv()` function call your desired data file into the console using the following line of code:

```
read.csv("Path where your CSV file is located on your computer\\File Name.csv")
```

\*note be sure to use forward slashes "/" OR double back slashes "\\" in your file path or you will receive an error message.

2. Press enter

Your console should now show all or a large portion of your data file in the console (depending on the number of rows in your data file).



The screenshot shows the R Console window with a list of numbers from 9959 to 9999 and a column of NA values. The console output is as follows:

```
R Console
9959 NA
9960 NA
9961 NA
9962 NA
9963 NA
9964 NA
9965 NA
9966 NA
9967 NA
9968 NA
9969 NA
9970 NA
9971 NA
9972 NA
9973 NA
9974 NA
9975 NA
9976 NA
9977 NA
9978 NA
9979 NA
9980 NA
9981 NA
9982 NA
9983 NA
9984 NA
9985 NA
9986 NA
9987 NA
9988 NA
9989 NA
9990 NA
9991 NA
9992 NA
9993 NA
9994 NA
9995 NA
9996 NA
9997 NA
9998 NA
9999 NA
[ reached 'max' / getOption("max.print") -- omitted 28114 rows ]
> read.csv("C://Users/codeyoum/Downloads/RRRR_Demographics_10-24-2022.csv")
```