R - Excel File

Microsoft Excel is the most widely used spreadsheet program which stores data in the .xls or .xlsx format. R can read directly from these files using some excel specific packages. Few such packages are - XLConnect, xlsx, gdata etc. We will be using xlsx package. R can also write into excel file using this package.

Install xlsx Package

You can use the following command in the R console to install the "xlsx" package. It may ask to install some additional packages on which this package is dependent. Follow the same command with required package name to install the additional packages.

install.packages("xlsx")

## Verify and Load the "xlsx" Package

Use the following command to verify and load the "xlsx" package.

# Verify the package is installed.

any(grepl("xlsx",installed.packages()))

# Load the library into R workspace.

library("xlsx")

## Reading the Excel File

The input.xlsx is read by using the **read.xlsx()** function as shown below. The result is stored as a data frame in the R environment.

# Read the first worksheet in the file input.xlsx.

data <- read.xlsx("beer.xlsx", sheetIndex = 1)

data

Question 1:Get the maximum Price of beer

Question2:Get the Total Price of beer

Question 3:Get the details of max Price of beer

Question 4:Show total sell price of brand “SamuelAdamsBoston

”

Question 5:Show all brand name whose price is more than 3