**R Programming**

R is a programming language and free software environment for statistical computations, data cleaning, data analysis, and graphical representation of data. The R language is widely used among statisticians and data miners for developing statistical software and data analysis.

R is an open software and that means it is free and you can also contribute to it when you have mastered it. You can install R in both Windows and Mac OS systems. Before R can work, you will need to install R Studio which is the integrated development environment (IDE) for R programming. RStudio makes programming easier and friendly in R.

**Requirement**

**Rstudio** **(***Please choose your OS***)**

**Rstudio for Windows**: <https://download1.rstudio.org/desktop/windows/RStudio-1.4.1717.exe>

**Rstudio for Mac**: <https://download1.rstudio.org/desktop/macos/RStudio-1.4.1717.dmg>

**R interface (***Please choose your OS***)**

**R for Windows**: <https://cran.r-project.org/bin/windows/base/R-4.1.1-win.exe>

**R for Mac**: <https://cran.r-project.org/bin/macosx/base/R-4.1.1.pkg>

You will also need to install tidyverse package by copy and paste the following syntax in your RStudio:

install.packages("tidyverse")

Please see attached **.gif** that shows how to install the package