

Dear Students

For this module (5DATA002W machine Learning & Data Mining), the main programming tool will be the R language.

R is a free-distributed software and can be downloaded from: <https://cran.r-project.org/>. Versions for Windows, Mac and Linux are available. Make sure you download the latest version (R.4.03).

However, the installation of R language does not include the existence of a suitable interface, from where you are going to write and execute your codes. Therefore you need to download a suitable interface tool and this is the RStudio.

RStudio is an integrated development environment for R with a console, syntax-highlighting editor that supports direct code execution, and tools for plotting, history, debugging and workspace management. The free version can be downloaded from:

<https://rstudio.com/products/rstudio/download/>
<https://rstudio.com/products/rstudio/download/#download>

In order to complete the process, the installation needs to be performed through these two steps (in this specific order):

1. Install the R language
2. Install the RStudio (the RStudio will “see” the already installed R language).

Then by pressing the RStudio icon you can start working in R.

RStudio is also available on AppsAnywhere (from university website).

<https://support.ecs.westminster.ac.uk/w/index.php/AppsAnywhere#Lockdown>

Check also the information from university website:

https://support.ecs.westminster.ac.uk/w/index.php/Pub:_RStudio

https://support.ecs.westminster.ac.uk/w/index.php/R_Example_Programs