

R Quick Guide

R is a free software environment for statistical computing and graphics.

RStudio is an integrated development environment (IDE) for R (provide friendly coding environment).

R Markdown provides an authoring framework for data science. This is like the log file in stata, but it can do more than just save and execute the code, it generates high quality reports that can be shared with an audience.

Installation

Please install R and RStudio from the following websites. You should first install R and then install RStudio. We use the R version of 3.6.0 (or later) and RStudio Desktop.

1. Open an internet browser and go to www.r-project.org.
 2. Click the “download R” link in the middle of the page under “Getting Started.”
 3. Select a CRAN location (a mirror site) and click the corresponding link.
 4. Click on the “Download R for Windows” or “Download R for (Mac) OS X”. You could also use Linux if you are a Linux User.
 5. Click on the file containing the latest version of R under “Files.”
 6. Save the file, double-click it to open, and follow the installation instructions.
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1. Go to <https://www.rstudio.com/products/rstudio/download/>
 2. Click on Download RStudio Desktop.
 3. Click on the version recommended for your system, save the downloaded file on your computer, double-click it to open, and follow the installation instructions.