

R and R Studio Installation Tutorial

1. R can be download from this site <http://www.r-project.org/>
2. Click on CRAN mirror link on this page and choose your nearest location (e.g., USA, University of California, Berkeley, CA; USA, University of California, Los Angeles, CA; etc.)
3. From the new page, select the appropriate download package for your machine's operating system (e.g., OS X, Windows etc.)
4. From the new page, select the version that is compatible with your operating system's updates (e.g., R-3.1.0-mavericks.pkg)
5. Select "Keep" (if using a Mac) and follow the installation procedures.
6. Once installed, go to <http://www.rstudio.com/products/rstudio/download/> to download R Studio since it is a more user-friendlier interface for programming in R.
7. From this page, select the appropriate package for your machine's operating system.
8. Follow the installation instructions and start RStudio.
9. Go to RStudio Preferences and set up the working directory (any folder on your computer that you would like to use for all your R code, data files and R output).
10. Make sure CRAN mirror is set to whatever you selected earlier in the step #2 (e.g., USA, Berkeley, CA)
11. From the interface, from the system preferences go to Tools → Install Packages and type *plyr* and click install. In the same manner, install the following libraries as well:
 - a. *plyr*
 - b. *fields*
 - c. *data.table*
 - d. *arulesSequences*
12. Save and quit the environment (when you attempt to close the environment, it will ask you whether you want to save it, click yes and exit).