Introduction to R for Statistics & Data Science

Installation of Packages in R

Download R for Windows (engine): **Click Here**

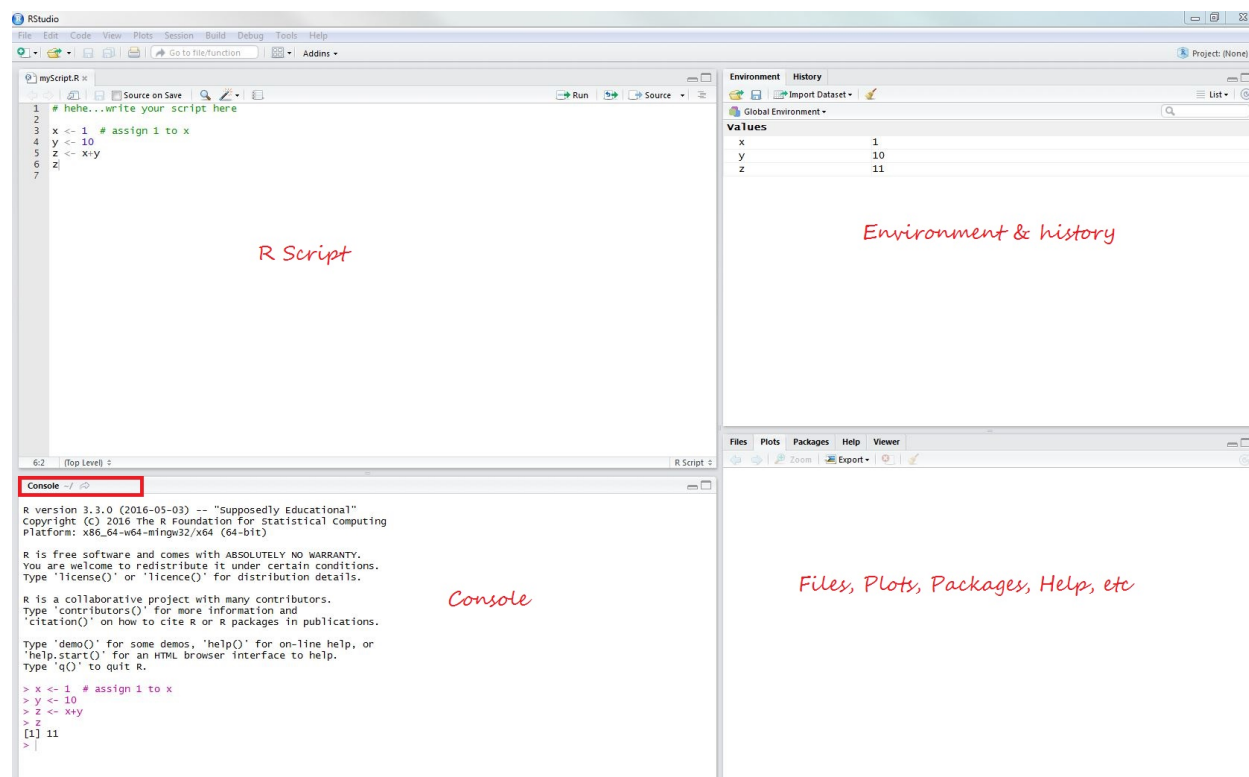Download RStudio for Windows (UI): **Click Here**

Figure 1: screenshot of labeled RStudio interface

Copy and paste in your **Console**:

+ Group1 Installation (light packages)

```
list.of.packages.1 <- c("ggplot2","reshape2","plyr","data.table","dplyr","lubridate","tidyr")
list.of.packages.2 <- c("shiny","ggvis","corrplot", "gplots", "nnet","RCurl","Metrics")
list.of.packages.3 <- c("Hmisc","tseries","fBasics","quantmod","ISLR","MASS")
# get list of packages to install
list.of.packages <- c(list.of.packages.1,list.of.packages.2,list.of.packages.3)
# It checks if package exist before installing in R
new.packages <- list.of.packages[!(list.of.packages %in% installed.packages()[,"Package"])]
if(length(new.packages)) install.packages(new.packages)
```

+ Group2 Installation (dense packages)

```
install.packages("caret") # Classification and Regression training models
install.packages("fscaret", dependencies = c("Depends", "Suggests")) # Feature Selection caret models
```