

# Introduction to R: R/RStudio Installation Instructions

**1. Download and install R:** <https://cran.r-project.org/bin/windows/base/R-3.5.1-win.exe>

**2. Download and install RStudio:** <https://download1.rstudio.org/RStudio-1.1.456.exe>

**3. Install packages:**

a. Launch RStudio

b. At the prompt (> symbol), type:

```
install.packages('ggplot2')
```

c. You will be asked to select a CRAN mirror; select '0-Cloud [https]' and hit okay.

d. You may get a message along the lines of:

```
lib = 'C:/Program Files/R-3.5.1/library' is not writable.
```

If this happens, a prompt will pop up asking if you would like to use a personal library instead. Select 'Yes'.

e. You should get a message along the lines of:

```
package 'ggplot2' successfully unpacked and MD5 sums checked
```

This means you have successfully installed the ggplot2 package.

f. At the prompt, run the following command to install the remaining packages:

```
install.packages(c('boot', 'reshape2', 'RColorBrewer', 'foreign', 'plyr', 'dplyr',  
'ggrepel'))
```