


# **VS.** **Studio**<sup>®</sup>

- R is a programming language that runs in the program 
- RStudio adds a more structured user interface to R and uses the R language (*RStudio is an Integrated Development Environment (IDE) in which one can use the R language*)
- RStudio can not run independently of R!

# Update

If you see a variation of the following warning message after you load a package:

```
library(dplyr)
```

Warning message: package 'dplyr' was built under  
R version 3.5.1

- It is time to update R

# Update

- You need to download and re-install R from:  
<https://www.r-project.org/>
- After the installation RStudio will automatically recognise the new R version.
- You have to re-install the packages after the installation of a new version of R.

*(Attention: Few old packages might not run on the new R version. However, you can have multiple versions of R on your computer or downgrade to a previous version)*

# Update Studio<sup>®</sup>

Check from time to time whether there is a new version of RStudio available (Help > Check for Updates)

