

# Instructions to get up and running with R



## Download R

1. Go to: <https://www.r-project.org/>
2. Click download R

### Getting Started

R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS. To [download R](#), please choose your preferred [CRAN mirror](#).

3. Click the option listed under 0-Cloud  
If you want to host a new mirror at your institution, please

0-Cloud

<https://cloud.r-project.org/>

Argentina

4. Download the R appropriate for your operating system

Download and Install R

Precompiled binary distributions of the base system and contributed packages

- [Download R for Linux \(Debian, Fedora/Redhat, Ubuntu\)](#)
- [Download R for macOS](#)
- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your distribution

Subdirectories:

- [base](#)
- [contrib](#)
- [old contrib](#)
- [Rtools](#)

[R-4.2.1.pkg](#) (notarized and signed)  
SHA1-hash: f83a6c96cedd19193255f94cb01381a273073a3a  
(ca. 90MB) for Intel Macs

(Mac Selection)

[Download R-4.2.1 for Windows](#) (75 MB)  
[README on the Windows binary distribution](#)  
[New features in this version](#)

(Windows Selection)

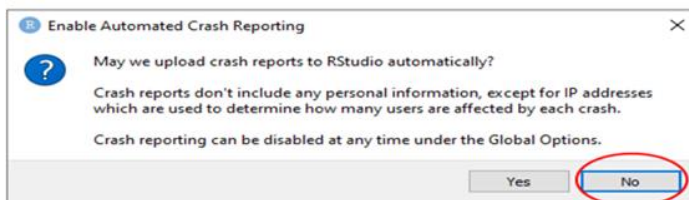
5. Run the downloaded installer file. Accept all prompts and the default selections

## Download RStudio:

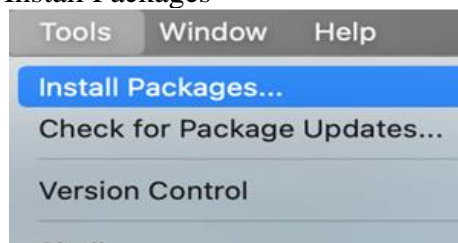
1. Go to: <https://www.rstudio.com/products/rstudio/download/#download>
2. The website should recognize your operating system (Windows or Mac)
3. Click download and wait for the download to finish
4. Run the downloaded installer file
  - **MAC:**
    1. When you open the installer, Drag the RStudio icon into the Applications folder
    2. Accept all prompts and the default selections
  - **WINDOWS:**
    1. Accept term and conditions
    2. Accept all prompts and the default selections

## Install tidyverse and tidymodels:

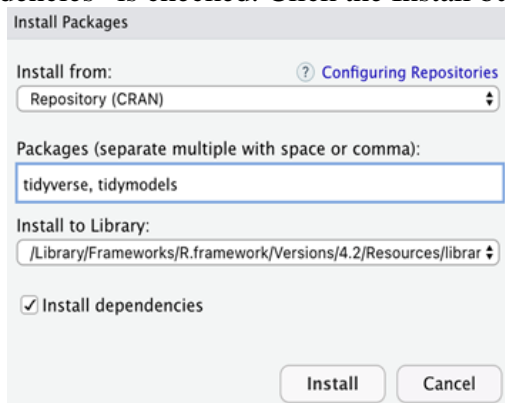
1. Open RStudio
2. Initial Prompts:
  - **MAC:** Click yes when prompted to install command line developer tools (~15-20 min install)
  - **WINDOWS:** Say no to automatic crash reporting to ensure privacy



3. Go to Tools > Install Packages



4. Input tidyverse and tidymodels (separated by a space or comma), make sure that "Install dependencies" is checked. Click the Install button



5. In the console type:
  1. `library(tidyverse)`
  2. `library(tidymodels)`

```
> library(tidyverse)
— Attaching packages — tidyverse 1.3.2 —
✓ ggplot2 3.3.6    ✓ purrr  0.3.4
✓ tibble  3.1.7    ✓ dplyr  1.0.9
✓ tidyr   1.2.0    ✓ stringr 1.4.0
✓ readr   2.1.2    ✓ forcats 0.5.1
— Conflicts — tidyverse_conflicts() —
✖ dplyr::filter() masks stats::filter()
✖ dplyr::lag()    masks stats::lag()
> |
```

6. The conflicts indicate that there are 2 filter functions: one in the dplyr package and the other in stats package. This is not a problem.

If there are any problems, please document with screenshots and email them to the instructor with information about your operating system (Mac or Windows).