<p align="center">**How to Install R and R Studio**
MAC OS Users
Version Fall 2023</p>

R is a free software for statistical computing and graphics. Its learning curve is a bit steep. But, fortunately for us, there is also R-Studio. R-Studio is a user interface that allows the user to run R in an environment that is much more friendly, especially for new users. **In this course, we will be using R from within R-Studio**.

<p align="center">**R and R Studio are separate packages!**
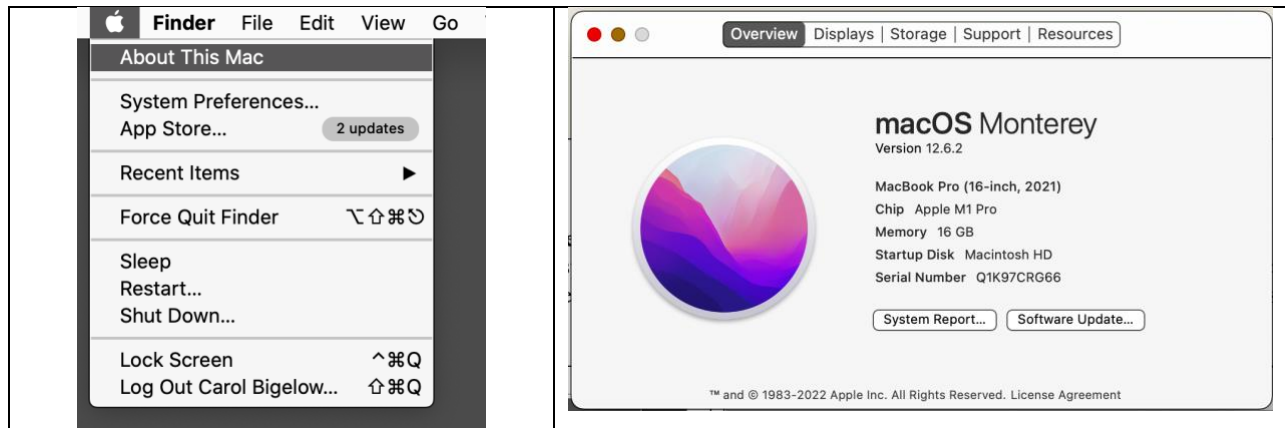**You <u>*must*</u> install R (and optionally XQuartz) first.**</p>

Preliminary - Consider Watching a Video First

> Mac Users (video, 3:54)
> https://www.youtube.com/watch?v=n8kP7c_QbLA

Preliminary – Determine the version of your operating system *(e.g., I have MAC OS Monterey)*
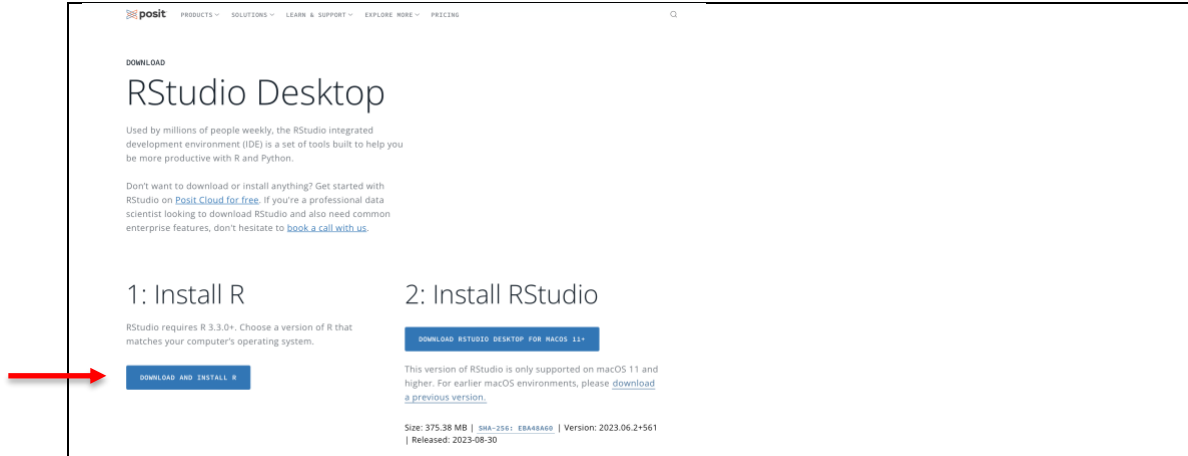 **Why?** If your operating system happens to be an older one, then in installing R you may have to choose an older version of R because your operating system may or may not be able to accommodate the most recent version of R.

Example – This tells me that my operating system is macOS Monterey Version 12.6.2
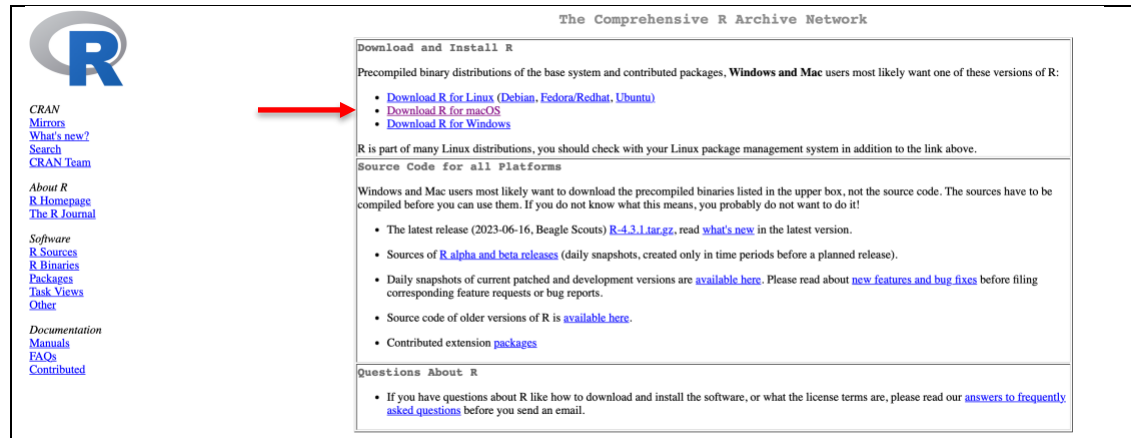
PART I *(must be done before downloading and installing R Studio)*
Download and Install R and XQuartz

___1. Go to: https://posit.co/download/rstudio-desktop/
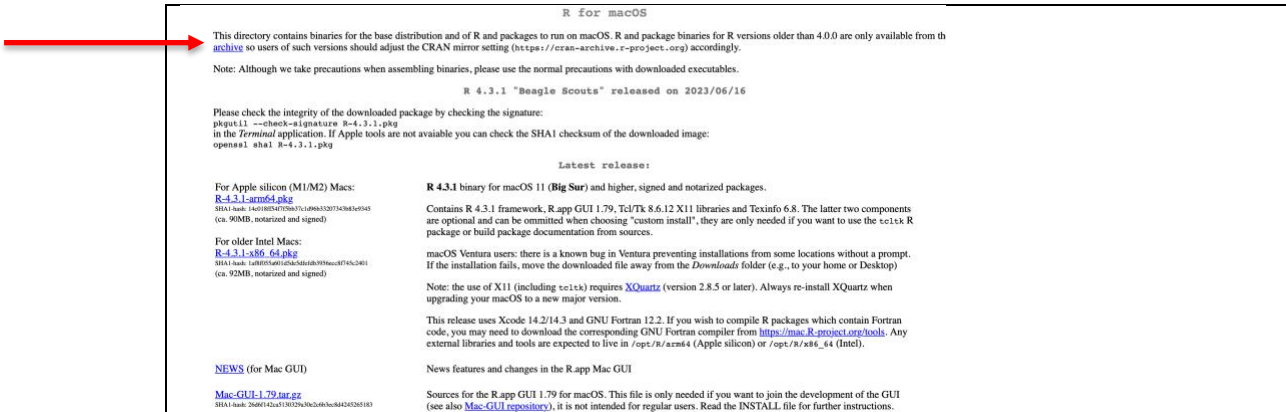   You should then see:

       At left, under "1: Install R", **click DOWNLOAD AND INSTALL R**

___2. You should then see:
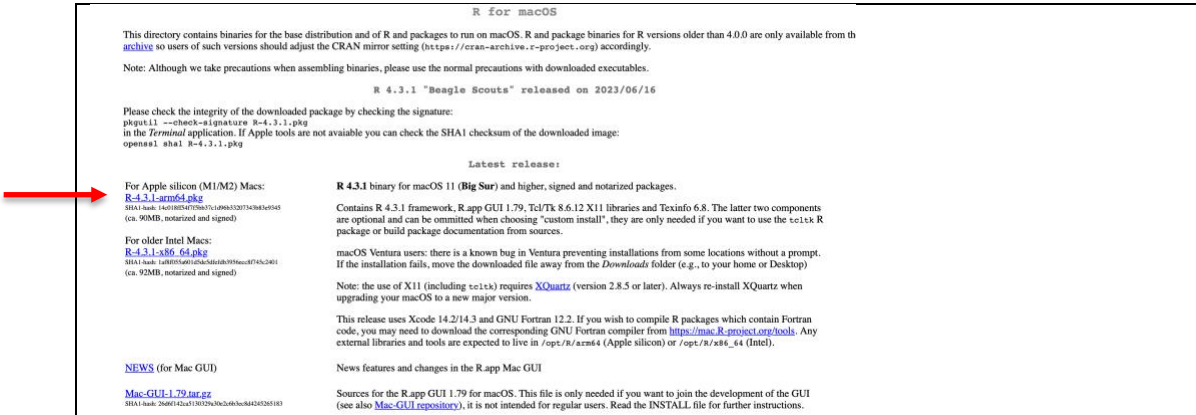

       At top right, under Download and Install R, click **Download R for macOS**
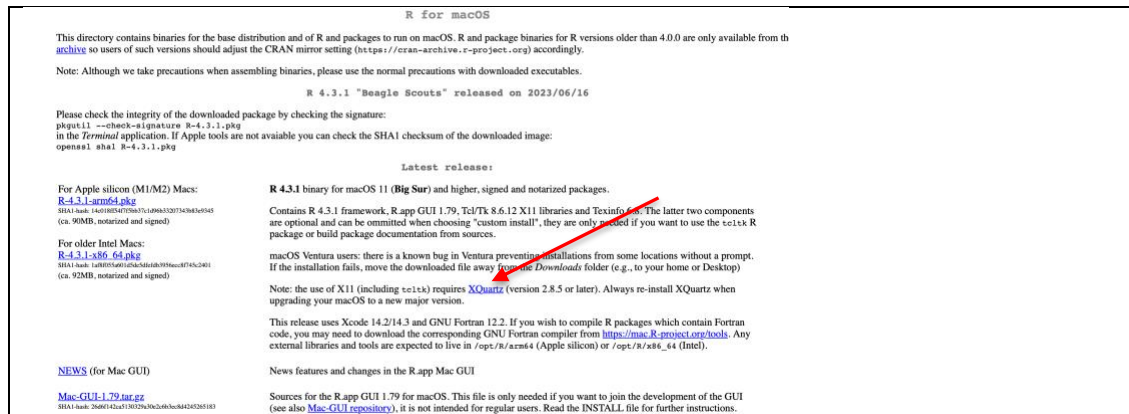
___3. You should then see:

       Under "R for MAC OS", take care to read the first paragraph

___4. !!!! Under the heading "Latest release", check that the R package is suitable for your operating system. For most of you, the most recent release will be fine. But if you have an older MAC operating system, you may need to scroll down to find the appropriate R package for your operating system. **Click to download**.

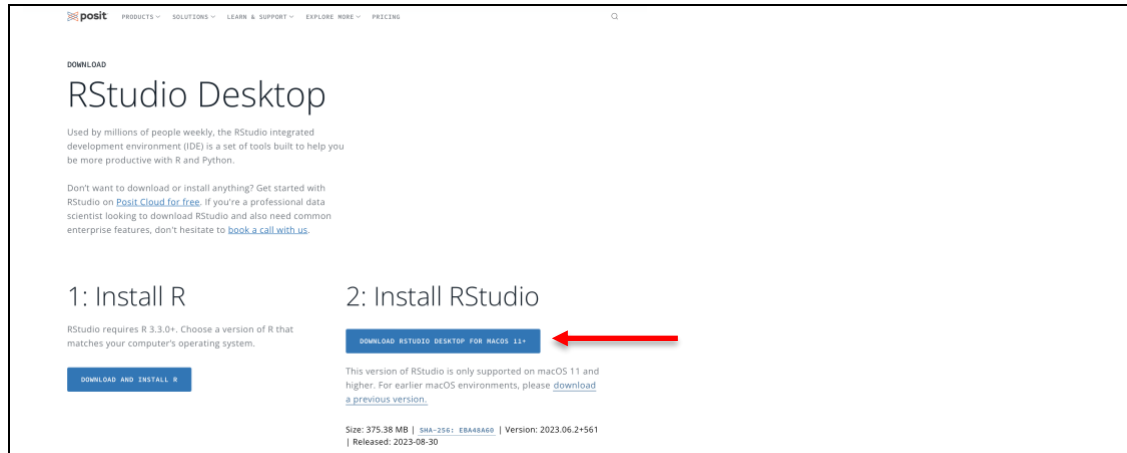___5.   Next, install **XQuartz** by clicking on the link and downloading and installing the dmg file.

All done? At this point you should see the R icon on your dock:

PART II – Download and Install R-Studio *(R must be downloaded and installed first)*

___1. Go to: https://posit.co/download/rstudio-desktop/
You should then see:

At right, under "2: Install RStudio", **click DOWNLOAD RSTUDIO DESKTOP**
A ".dmg" file will be automatically downloaded to your computer.
In my case, ***RStudio-2023.06.2-561.dmg*** was downloaded to my desktop

___2. Double click the ".dmg" file
Drag the RStudio download to your Applications folder