

Installing R and RStudio

Use the instructions corresponding to your operating system to install **both R and RStudio** on your computer.

These instructions are also available online: <http://go.tufts.edu/InstallingR>

If needed, email DataLab-Support@elist.tufts.edu for assistance.

Jupyter users interested in R notebooks should also install **IRkernel**: <https://irkernel.github.io/installation/>

Windows

1. **Download** and **run** the installer for your desired version of R using one of the links below
 - **Latest version of R**: <https://cloud.r-project.org/bin/windows/base/release.html>
 - **R 4.0.2** (Data Lab version): <https://cloud.r-project.org/bin/windows/base/old/4.0.2/R-4.0.2-win.exe>
 - **R 3.6.3** (for legacy scripts): <https://cloud.r-project.org/bin/windows/base/old/3.6.3/R-3.6.3-win.exe>
2. **Download** and **run** the **RStudio** installer corresponding to your operating system from <https://rstudio.com/products/rstudio/download/#download>
3. **Optional**: Advanced users looking to use packages that require compilation should also install **Rtools** from <https://cran.r-project.org/bin/windows/Rtools/>

MacOS

1. Install **Xcode Command Line Tools** to ensure proper installation of R packages that require compilation
 - 1) Launch **Terminal** from *Applications > Utilities > Terminal*
 - 2) Type `xcode-select --install` and press enter
 - 3) If you get an **error message** stating that *command line tools are already installed*, proceed to step #2
 - 4) If a popup window appears, click **Install** and agree to the *Terms of Service*
 - 5) Wait for Xcode Command Line Tools to install, this may take several minutes
2. **Download** and **run** the installer for your desired version of R depending on your operating system
 - MacOS 10.13 (High Sierra) or later
 - **Latest version of R**: <https://cloud.r-project.org/bin/macosx/base/R-release.pkg>
 - **R 4.0.2** (Data Lab version): <https://cloud.r-project.org/bin/macosx/base/R-4.0.2.pkg>
 - **R 3.6.3** (legacy): <https://cloud.r-project.org/bin/macosx/el-capitan/base/R-3.6.3.nn.pkg>
 - Older versions of MacOS
 - Go to <https://cloud.r-project.org/bin/macosx> and find a suitable version of R
3. **Download** and **run** the **RStudio** installer corresponding to your operating system from <https://rstudio.com/products/rstudio/download/#download>
4. **Optional**: If needed, go to <https://www.xquartz.org/> and install **XQuartz** to use certain advanced R components and packages that rely on X11 forwarding

Linux

1. Go to <https://cloud.r-project.org/bin/linux/> and follow the instructions corresponding to your Linux distribution to **install R**
2. **Download** and **run** the **RStudio** installer corresponding to your operating system from <https://rstudio.com/products/rstudio/download/#download>