

Method 1. RStudio with local installation

Install R distribution

Step 1. Go to <https://cran.r-project.org/>.

The Comprehensive R Archive Network

Download and Install R

Precompiled binary distributions of the base system and contributed packages, **Windows and Mac** users most likely want one of these versions of R:

- [Download R for Linux](#)
- [Download R for \(Mac\) OS X](#)
- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your Linux package management system in addition to the link above.

Step 2. Choose OS, e.g. “Download R for Windows”.

Subdirectories:

base	Binaries for base distribution. This is what you want to install R for the first time .
contrib	Binaries of contributed CRAN packages (for R \geq 2.13.x; managed by Uwe Ligges). There is also information on third party software available for CRAN Windows services and corresponding environment and make variables.
old contrib	Binaries of contributed CRAN packages for outdated versions of R (for R $<$ 2.13.x; managed by Uwe Ligges).
Rtools	Tools to build R and R packages. This is what you want to build your own packages on Windows, or to build R itself.

Step 3. Click “base”.

R-4.0.3 for Windows (32/64 bit)

[Download R 4.0.3 for Windows](#) (85 megabytes, 32/64 bit)

[Installation and other instructions](#)

[New features in this version](#)

Step 4. Click “Download R 4.0.3 for Windows” (note version number may change).

Step 5. Run downloaded installation file (choose default setting when installing).

Install RStudio

Step 1. Go to <https://rstudio.com/products/rstudio/download/>.

RStudio Desktop Open Source License	RStudio Desktop Pro Commercial License	RStudio Server Open Source License	RStudio Server Pro Commercial License
Free	\$995 /year	Free	\$4,975 /year (5 Named Users)
DOWNLOAD	BUY	DOWNLOAD	BUY
Learn more	Learn more	Learn more	Evaluation Learn more

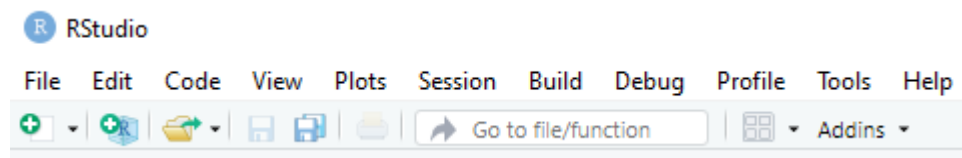
Step 2. Click “DOWNLOAD” for free version.

OS	Download	Size	SHA-256
Windows 10/8/7	RStudio-1.4.1103.exe	156.96 MB	c3384189
macOS 10.13+	RStudio-1.4.1103.dmg	152.77 MB	20148bd6

Step 3. Choose version to suit operating system.

Step 4. Run downloaded installation file.

Step 5. Open RStudio.



Step 6. To start a new R script menu **File > New File > R Script**. To open course material R code, download R script file (.R file extension) from UTS Canvas and double click.

Method 2. R Studio with UTS Virtual Lab

Note that this is only for internal students (i.e. those with Student ID and log-in credentials).

Install Citrix Workspace plug-in

Step 1. For Windows, go to <https://www.citrix.com/en-in/downloads/workspace-app/workspace-app-for-windows-long-term-service-release/workspace-app-for-windows-1912ltsr.html>.

Citrix Workspace app 19.12.3000 for Windows, LTSR Cumulative Update 3

Release Date: Jan 20, 2021

Compatible with

Windows 10, 8.1, 7, 2008R2, Thin PC as well as Windows Server 2016, 2012, 2012R2 and 2019.

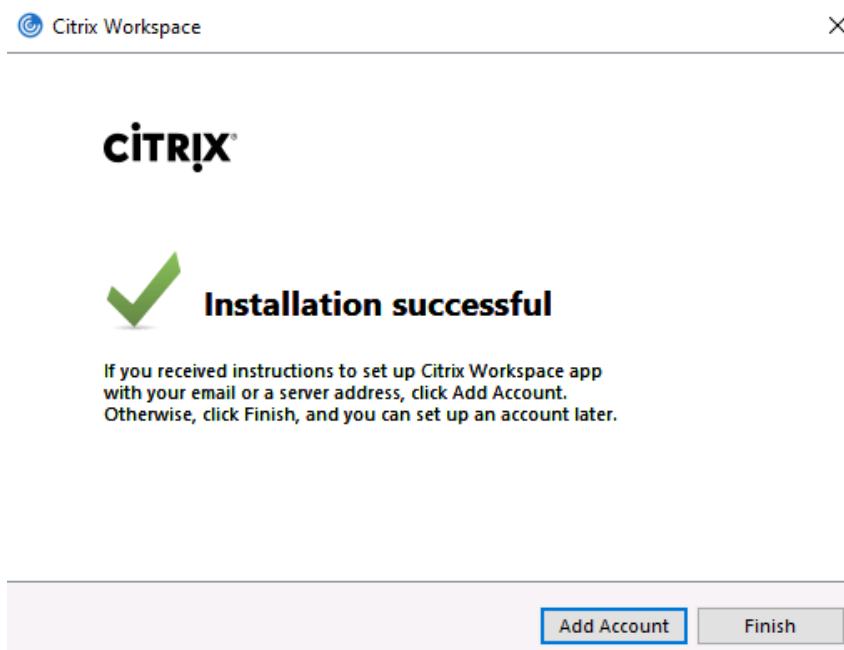
Download Citrix Workspace app for Windows

(71.1 MB - .exe)

For Mac go to <https://www.citrix.com/en-in/downloads/workspace-app/mac/workspace-app-for-mac-latest.html>.

Step 2. Click “Download Citrix Workspace app for Windows”.

Step 3. Run downloaded installation file. At the end of the process you will be prompted to add an account.



Do not do this and click “Finish” instead.

Accessing UTS Virtual Lab

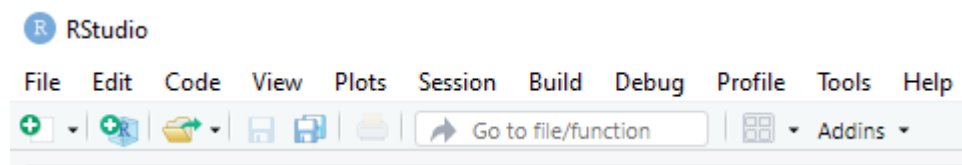
Step 1. Go to <https://my-apps.uts.edu.au/Citrix/CitrixWeb/> and log in using your UTS credentials. You will see something like the screenshot below (it won't be exactly the same as staff and student access differ).



Step 2. Click “Student Virtual Lab”.

Step 3. Click “R Studio”. You will notice and ICA file downloads – run this.

Step 4. Open RStudio.

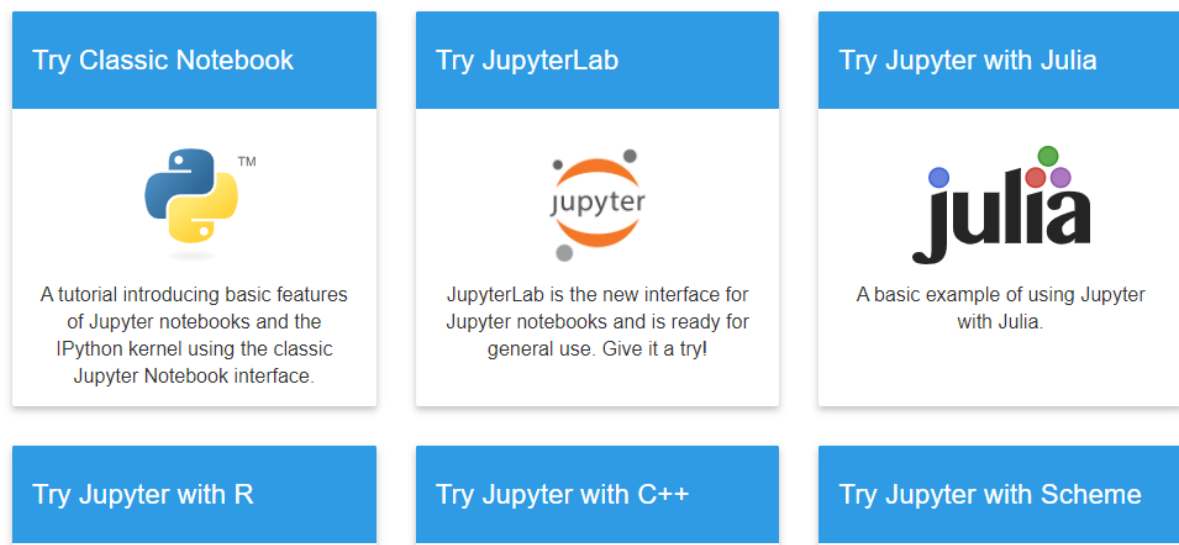


Step 5. To start a new R script menu **File > New File > R Script**. To open course material R code, download R script file (.TXT file extension) from UTS Canvas and copy and paste into RStudio script.

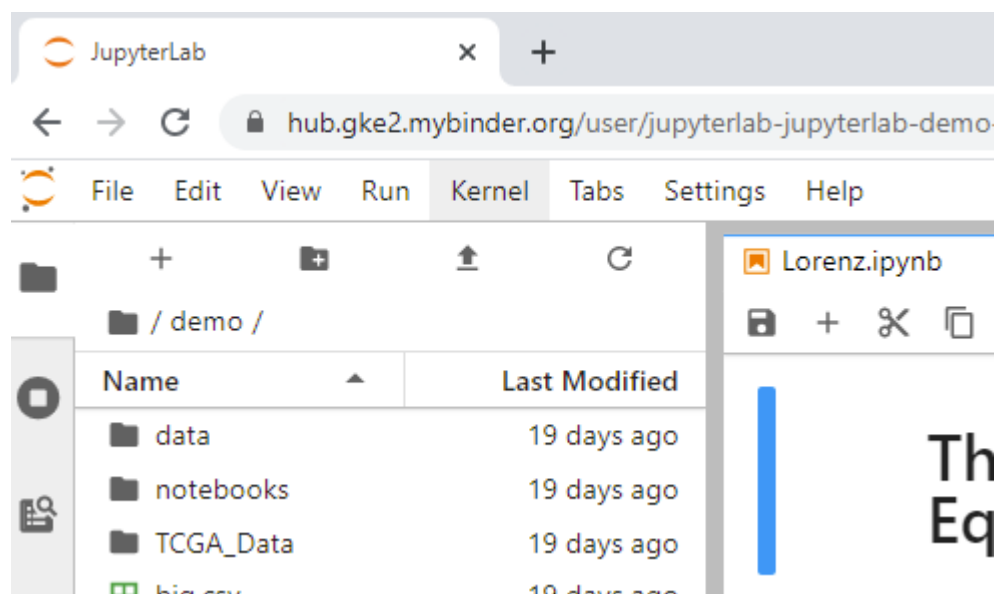
Step 6. If you cannot follow these instructions, then please see IT.

Method 3. R with JupyterLab

Step 1. Go to <https://jupyter.org/try>.



Step 2. Click “Try JupyterLab” (be patient while initialisation takes place).



Step 3. To start new a new notebook click “plus sign” below menu and choose “R” type.

Step 4. To access course material R code, click the “upwards pointing arrow” below menu and double click IPYNB file (you must download this from UTS Canvas first). Then double-click this file in the navigation pane on left.