

Master of Science in Applied Data Science: R and RStudio Installation Instructions on Windows & Mac OS



R Installation Instructions

For this course, we will install both R and RStudio. We will download R from the R Project for Statistical Computing website and RStudio, the premier Integrated Development Environment (IDE) for R, from the RStudio website.

Installation Steps: Mac OS

Install R:

- Navigate to: <u>https://cran.rstudio.com/</u>
- Select your operating system

Download and Install R

Precompiled binary distributions of the base system and contributed packages, 1

- 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 packag

- Download the latest version of R that is compatible with your operating system version
 - The process for installing is different based on the operating system



1. Open the installation package and follow the installation instructions.



2. Review the Read Me file.





3. Review the license agreement.

	🥪 Install R 4.0.1 for macOS 🛛 🔒
	Software License Agreement
 Introduction Read Me 	This software is distributed under the terms of the GNU GENERAL PUBLIC LICENSE Version 2, June 1991. The terms of this license are in a file called COPYING which you should have received with this software.
License	If you have not received a copy of this file, you can obtain one
Destination Select	via WWW at http://www.gnu.org/copyleft/gpl.html, or by
	writing to:
	The Free Software Foundation, Inc.,
	59 Temple Place – Suite 330, Boston, MA 02111–1307, USA.
	A small number of files (the API header files and export files, listed in R_HOME/COPYRIGHTS) are distributed under the LESSER GNU GENERAL PUBLIC LICENSE version 2.1. This can be obtained via WWW at http://www.gnu.org/copyleft/lgpl.html, or by writing to the address above
	The above licenses govern distribution, not use.
	``Share and Enjoy."
	Print Save Go Back Continue

4. Agree to the license agreement.





5. Select the installation destination.



6. If you do not prefer the default installation destination, select your preferred destination.



7. Installation is complete. Select close.





Install R-Studio:

1. Download installation file for Mac OS from https://rstudio.com/products/rstudio/download/#download





2. Drag the RStudio app into your applications folder.





Installation Steps: Windows OS

Install R:

1. Download latest version of R from <u>CRAN</u>

R-4.0.2 for Windows (32/64 bit)

 Download R 4.0.2 for Windows (84 megabytes, 32/64 bit)

 Installation and other instructions

 New features in this version

If you want to double-check that the package you have downloaded matches the package d can compare the md5sum of the .exe to the fingerprint on the master server. You will need windows: both graphical and command line versions are available.

2. Open installation file, read through the GNU Public License and click "Next"



formation		1
Please read the following importan	t information before continuing.	
When you are ready to continue w	vith Setup, dick Next.	
GNU GENER	RAL PUBLIC LICENSE	^
	, suite 1991	
Copyright (C) 1989, 1991 Free So	oftware Foundation, Inc.	
Everyone is permitted to copy an	d distribute verbatim copies	
of this license document, but cha	nging it is not allowed.	
P	reamble	
The licenses for most software a	re designed to take away your	
freedom to share and change it.	By contrast, the GNU General Public	
softwareto make sure the softw	are is free for all its users. This	
General Public License applies to n	nost of the Free Software	~

3. Select the default destination directory.

		<u> </u>		2
Select Destination Location				
Where should R for Windows 4.0.2 be in	stalled?			9
Setup will install R for Windows	4.0.2 into the followir	ng folder.		
To continue, click Next. If you would like	to select a different f	older, click Br	owse.	
C:\Users\25494\Documents\R\R-4.0.2		В	rowse	
At least 2.5 MB of free disk space is requ	iired.			

4. You can leave the default options selected and proceed to the next screen.



Select the components you want to i	install; clear the components you do not want to
install. Click Next when you are read	ly to continue.
Core Files	87.1 MB
32-bit Files	50.6 MB
64-bit Files	57.4 MB
Message translations	7.3 MB

5. Accept the default startup options.

🕞 Setup - R for Windows 4.0.2		122		×
Startup options Do you want to customize the startup option	ns?			R
Please specify yes or no, then dick Next.				
O Yes (customized startup)				
No (accept defaults)				
	< Back	Next >	с	ancel

6. Select the default Start Menu folder and proceed next.



🕞 Setup - R for Windows 4.0.2		1 <u>27</u> /		×
Select Start Menu Folder				
Where should Setup place the program's	shortcuts?			R
Setup will create the program's	shortcuts in the follo	owing Start Me	enu <mark>fo</mark> lder.	1
To continue, click Next. If you would like	to select a different	t folder, click B	rowse.	_
3			Browse	
Don't create a Start Menu folder				
	< Back	Next >	Ca	incel

7. Select if you prefer a desktop shortcut or a quick launch shortcut button.

😼 Setup - R for Windows 4.0.2			×
Select Additional Tasks Which additional tasks should be performed?			R
Select the additional tasks you would like Setup to perform while Windows 4.0.2, then click Next.	installing R 1	for	
Additional shortcuts:			
Create a desktop shortcut			
Create a Quick Launch shortcut			
Registry entries:			
Save version number in registry			
< Back	Next >	Ca	ancel

8. After R is installed, click "Finish" and exit setup.





Install R-Studio:

1. Download installation file for Windows from <u>R-Studio downloads</u>



2. Select the default destination folder under C drive - Program Files



💮 RStudio Setup			<u>17.07</u>	Ę	3	\times
	Choose Ins	stall Location				
	Choose the	folder in which to ins	tall RStudio.			
Setup will install RStud and select another fo	dio in the following t Ider. Click Next to c	folder. To install in a d continue.	lifferent folder,	, click Br	owse	
Destination Folder	RStudio		E	rowse.		
Space required: 995. Space available: 148.	5 MB 8 GB					
Nullsoft Install System v3	3.05					
		< Back	Next >		Cance	el

3. Click Install with the selected Start Menu folder as RStudio.

RStudio Setup			1000		X
	Choose S	tart Menu Folder			
	Choose a	Start Menu folder fo	or the RStudio short	cuts.	
Select the Start Menu can also enter a name	ı folder in which yo e to create a new	u would like to crea folder.	te the program's sh	ortcuts. You	
Accessibility Accessories Administrative Tools Anaconda3 (64-bit) Dell Foxit Reader Intel MailStore Client Maintenance Microsoft Office Tool Microsoft Silverlight	Is				~
Do not create sho	rtcuts				
	2 05				
illsoft Install System v3	3,03				

4. After installation, click Finish to exit setup.





5. Open R-Studio from Start Menu to verify installation. The console will display the version of R installed.

