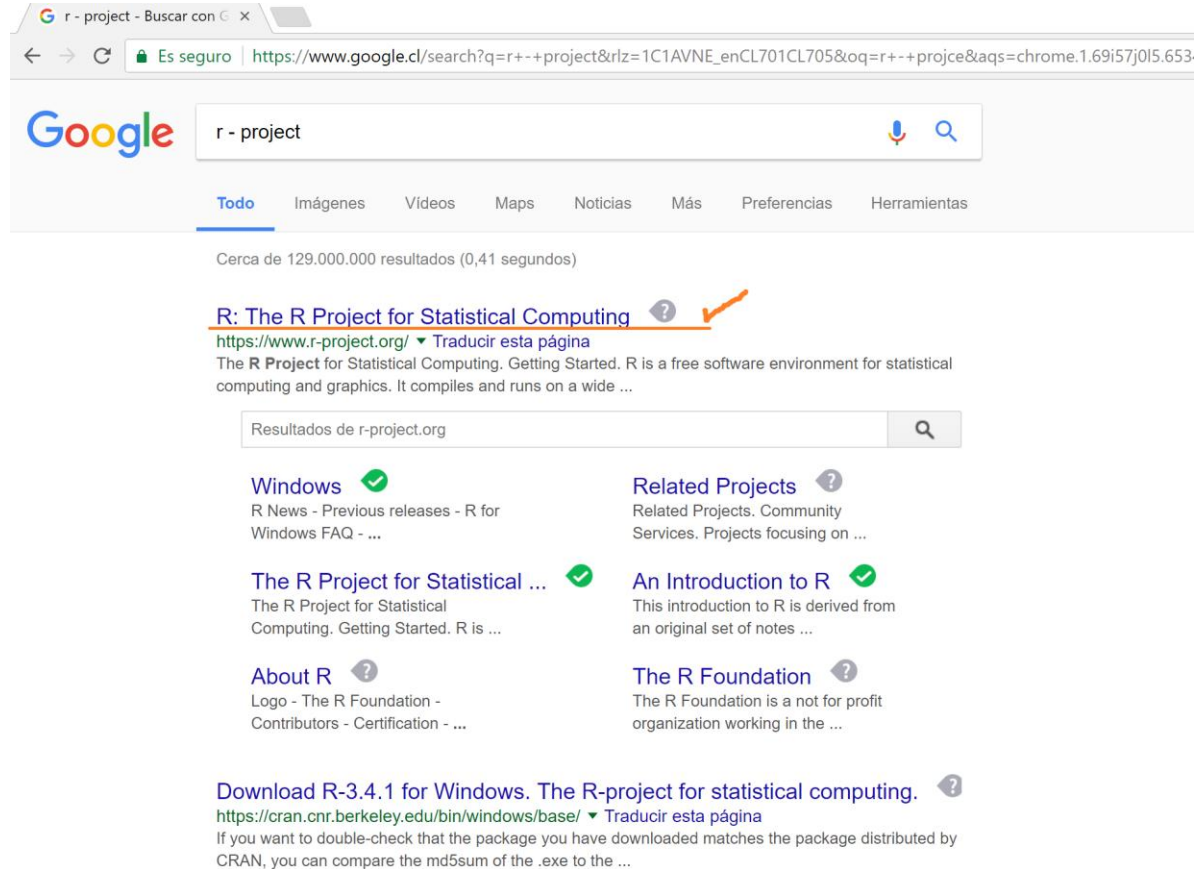


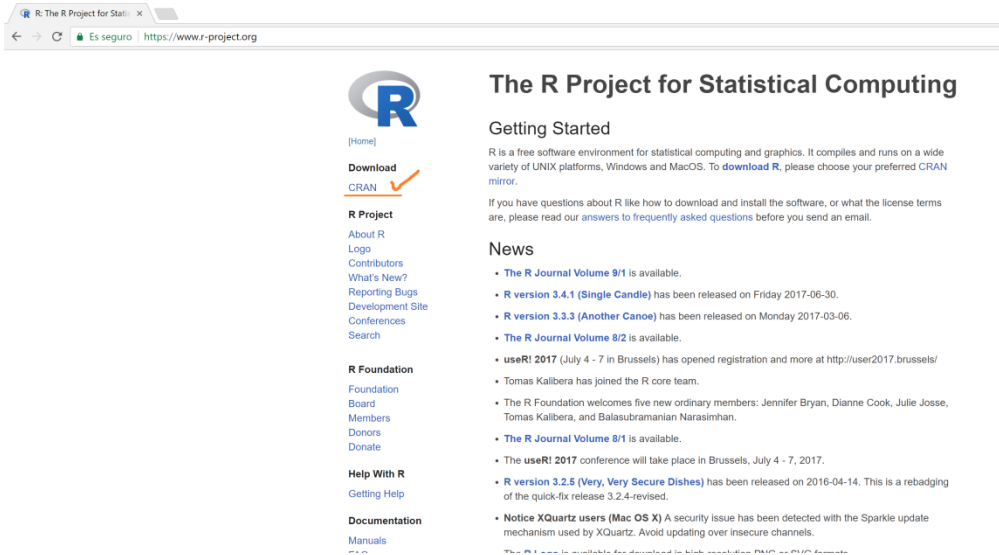
# Instalación R

Paso 1: Ir a página para descargar R y hacer click



# Instalación R

## Paso 2: Ir a Download - CRAN

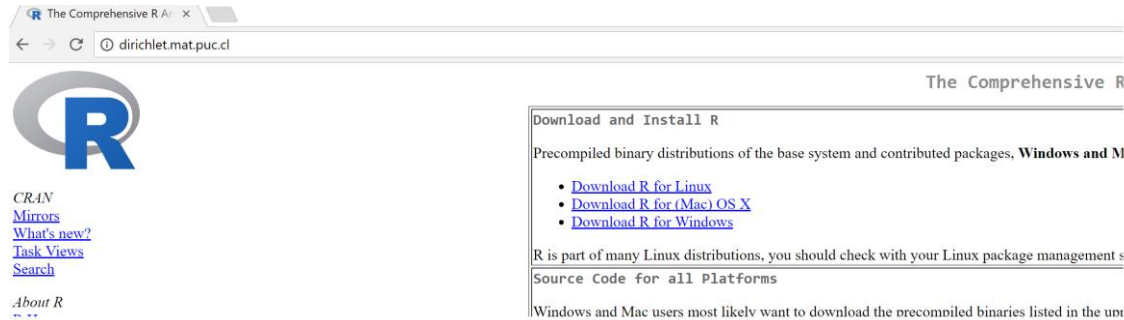


## Paso 3: Seleccionar mirror (yo escogí la pontificia univ católica de chile)



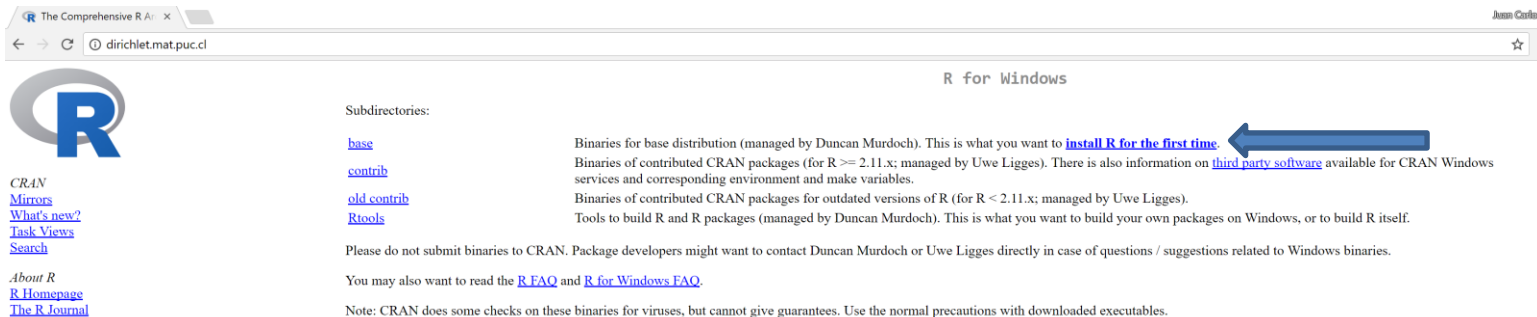
# Instalación R

## Paso 4: Seleccione sistema operativo



Dependiendo del sistema operativo del pc, se puede seleccionar para Linux, Mac o Windows (Yo tengo SO windows)

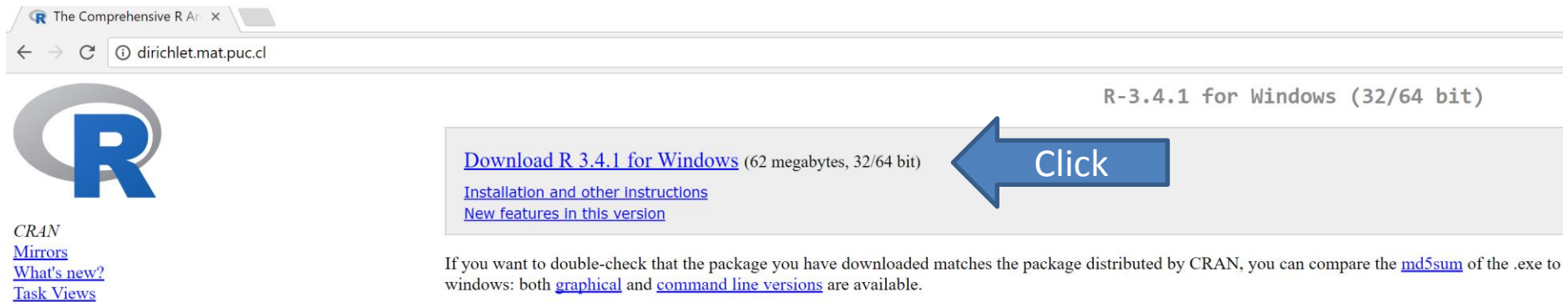
## Paso 5: Obtener R



Hacer Click en **install R for the first time.**

# Instalación R

## Paso 6: Descargar



The screenshot shows the CRAN website with the R logo on the left. The main content area displays "R-3.4.1 for Windows (32/64 bit)". A blue arrow points to the link "Download R 3.4.1 for Windows (62 megabytes, 32/64 bit)". Below the link are two other links: "Installation and other instructions" and "New features in this version".

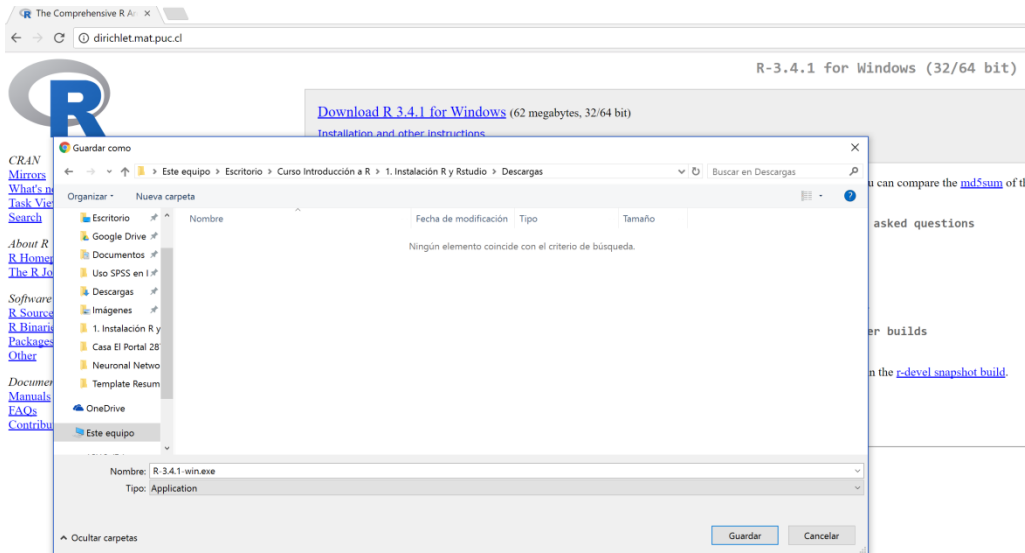
[Download R 3.4.1 for Windows](#) (62 megabytes, 32/64 bit)

[Installation and other instructions](#)

[New features in this version](#)

If you want to double-check that the package you have downloaded matches the package distributed by CRAN, you can compare the [md5sum](#) of the .exe to windows: both [graphical](#) and [command line versions](#) are available.

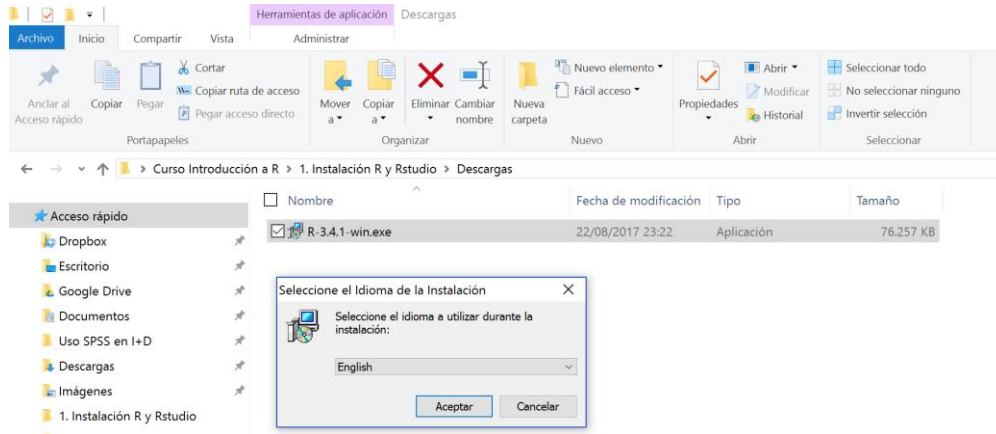
## Paso 7: Guardar ejecutable en alguna carpeta para luego instalar



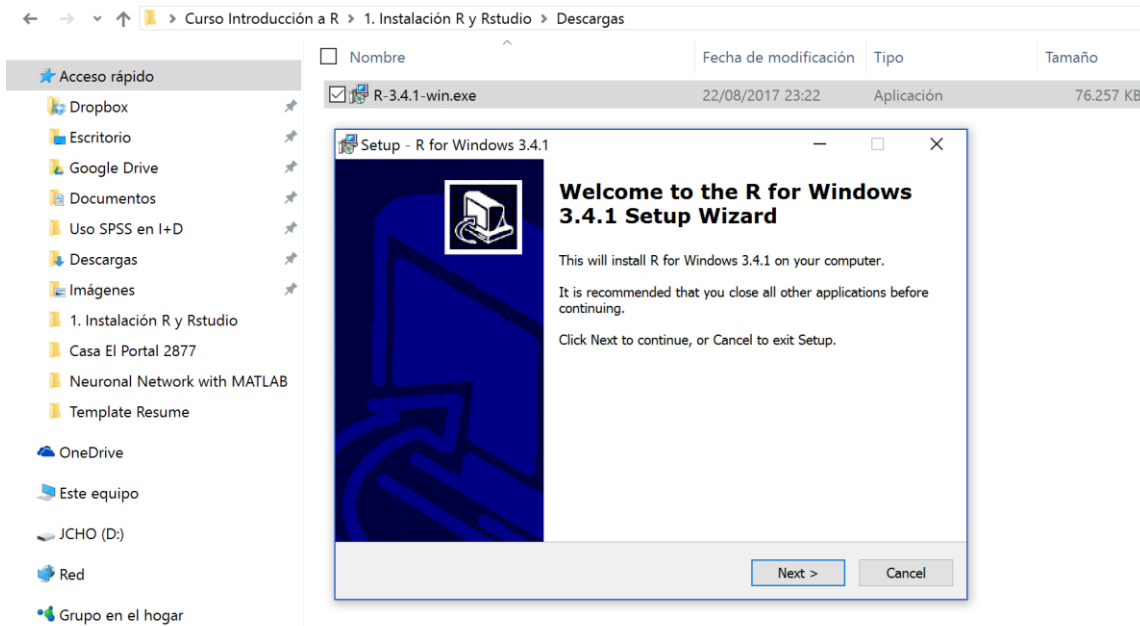
The screenshot shows a Windows file explorer window titled "Guardar como" (Save as). The address bar shows the path "Este equipo > Escritorio > Curso Introducción a R > 1. Instalación R y Rstudio > Descargas". The file name is "R 3.4.1-win.exe" and the type is "Application". The "Guardar" (Save) button is highlighted.

# Instalación R

## Paso 8: Seleccione idioma

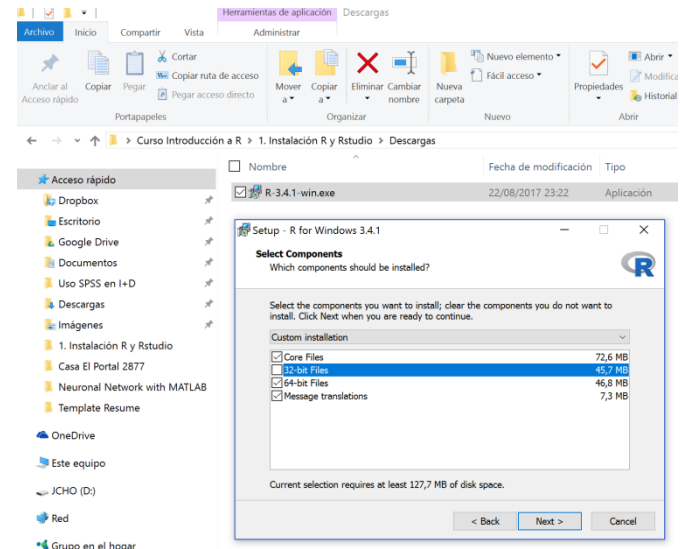
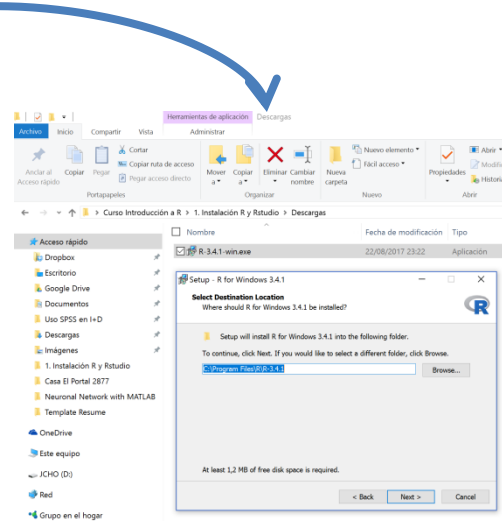
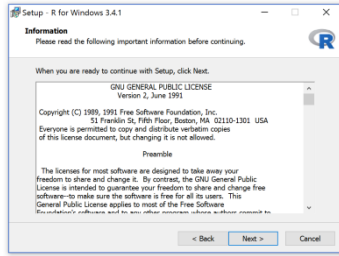
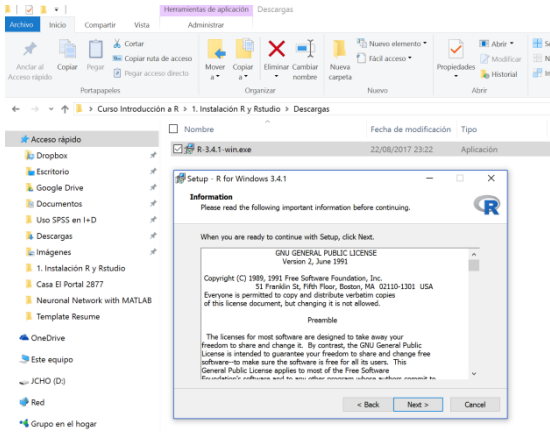


## Paso 9: Next



# Instalación R y Rstudio

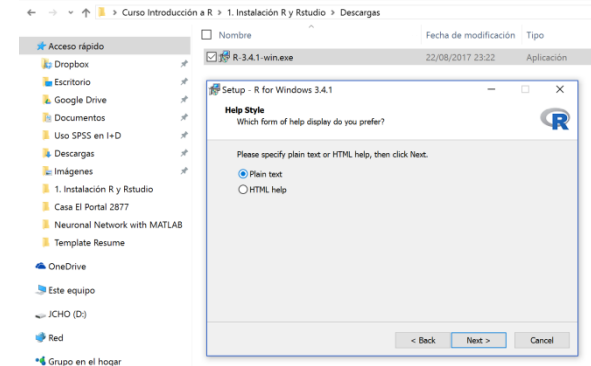
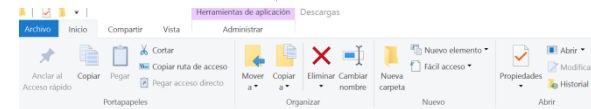
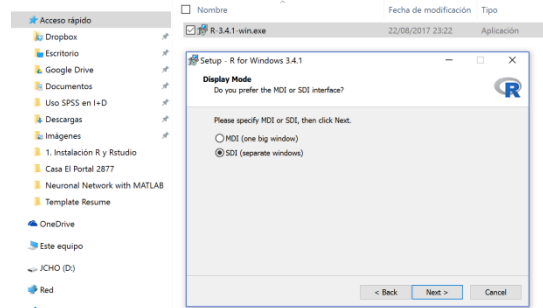
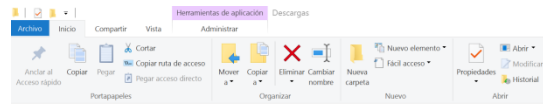
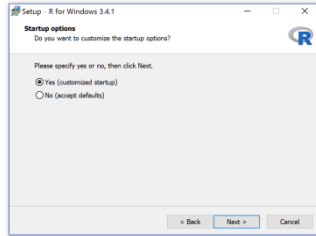
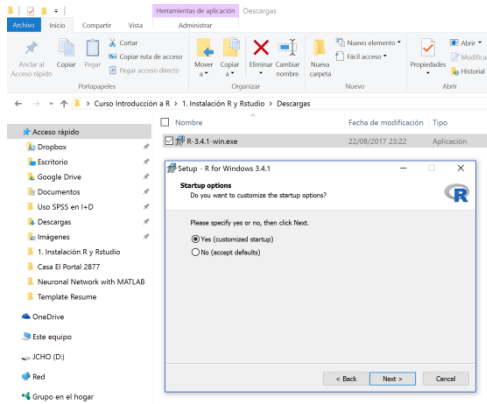
## Paso 10:



Dependiendo de su sistema operativo es de 32 o 64 bit, seleccionar la opción correspondiente

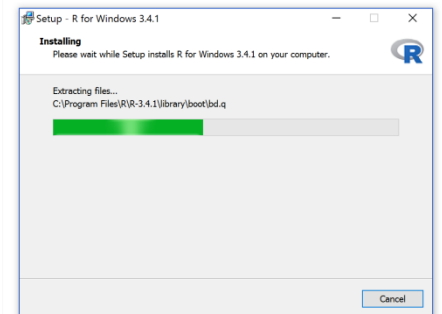
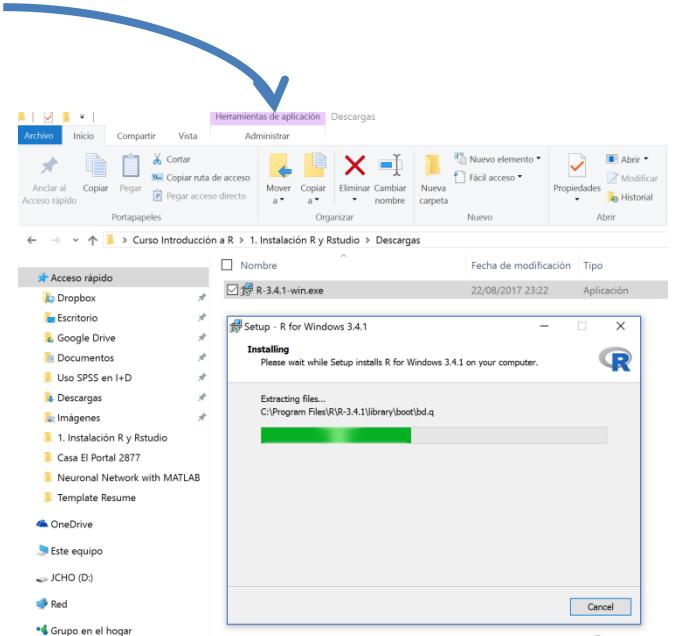
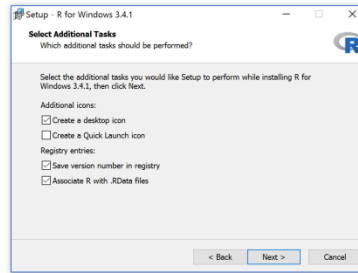
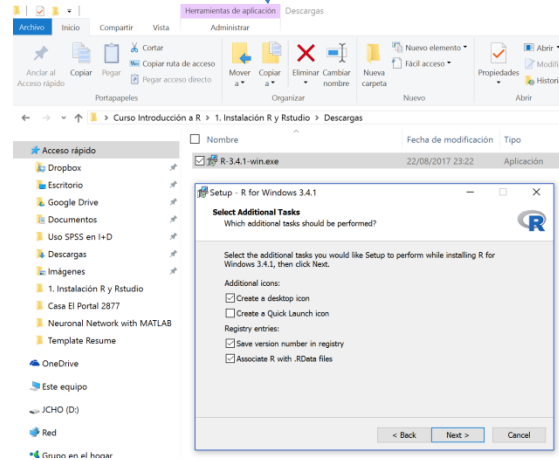
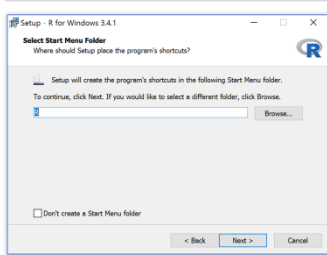
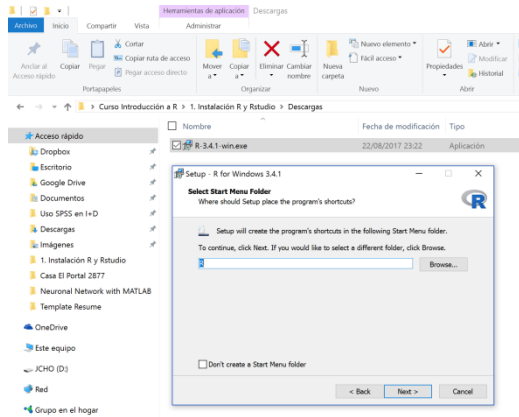
# Instalación R y Rstudio

## Paso 11:



# Instalación R

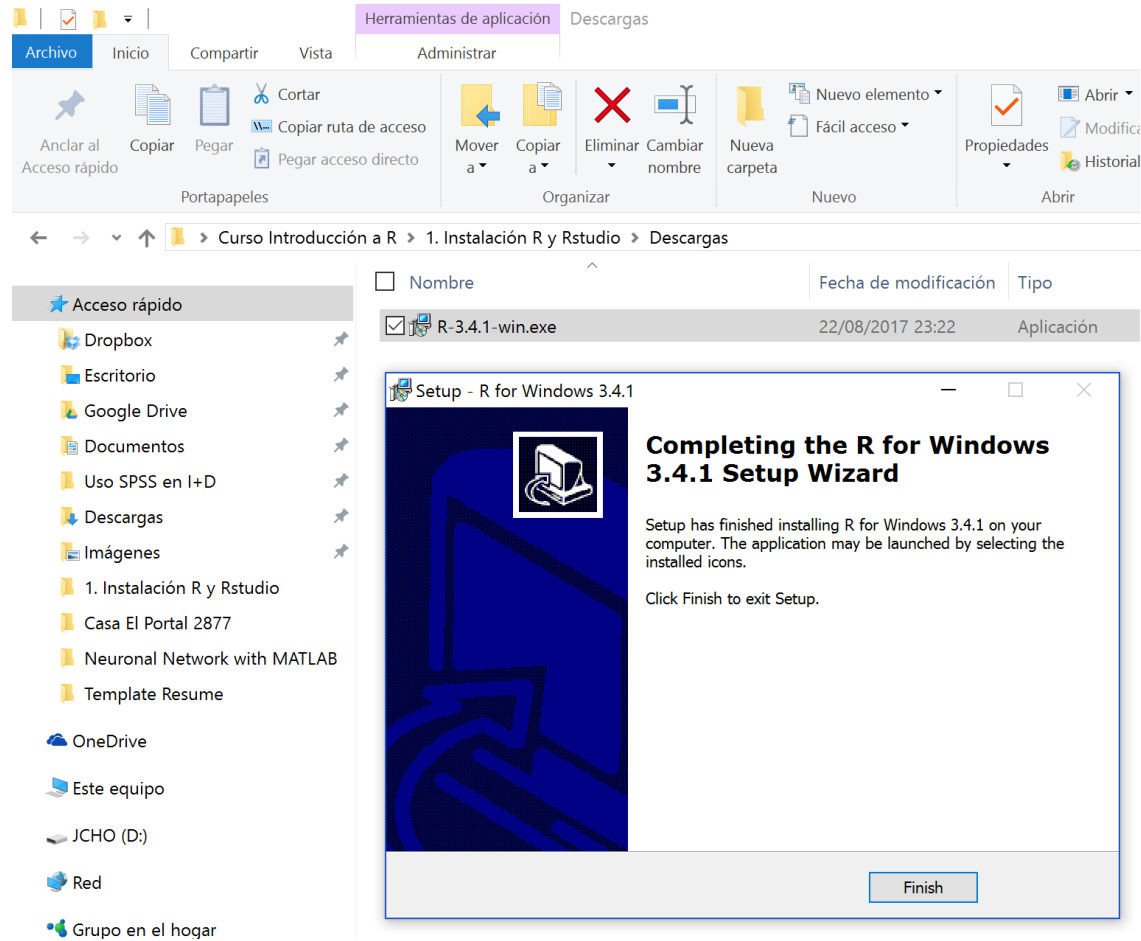
## Paso 12:





# Instalación R

## Paso 13: Fin



# Instalación Rstudio

## Paso 1: Ir a pagina

The image shows a Google search for 'rstudio' and the RStudio website. A blue arrow points from the search results to the RStudio website. Another blue arrow points from the 'Download RStudio - RStudio' link in the website's navigation bar to a file download dialog box. The dialog box shows the file 'R-3.4.1-win.exe' being saved to the 'Descargas' folder.

**Google Search Results:**

Google  
rstudio

Cerca de 3.770.000 resultados (0.29 segundos)

**RStudio - Open source and enterprise-ready professional software for R**  
<https://www.rstudio.com/> • Traducir esta página  
RStudio. Open source and enterprise-ready professional software for R. Download RStudio. Discover Shiny, shinyapps.io Login. Discover RStudio Connect.

**Resultados de rstudio.com**

- Download RStudio**  
RStudio is a set of integrated tools designed to help you be ...
- RStudio Server**  
Server. Centralize access and computation. RStudio Server.
- Shiny**  
Shiny is an open source R package that provides an ...
- R Views**  
An R community blog and get different views, slicer
- Frequently Asked**  
Frequently asked questio RStudio's different produ
- Online Learning**  
Online learning. A wealth articles, and examples ..

**RStudio Desktop 1.0.153 - Release Notes**  
RStudio requires R 3.1.1+. If you don't already have R, download it here.

**Installers for Supported Platforms**

Platform	Size	Date	SHA-256
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363

**Zip/Tarballs**

Platform	Size	Date	SHA-256
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363
Windows (x86_64)	61.9 MB	2017-07-20	93b406d82864a885f2167061777363

**Source Code**  
A tarball containing source code for RStudio v1.0.153 can be downloaded from here:

**Guardar como**

1. Instalación R y Rstudio > Descargas

Nombre: RStudio-1.0.153.exe

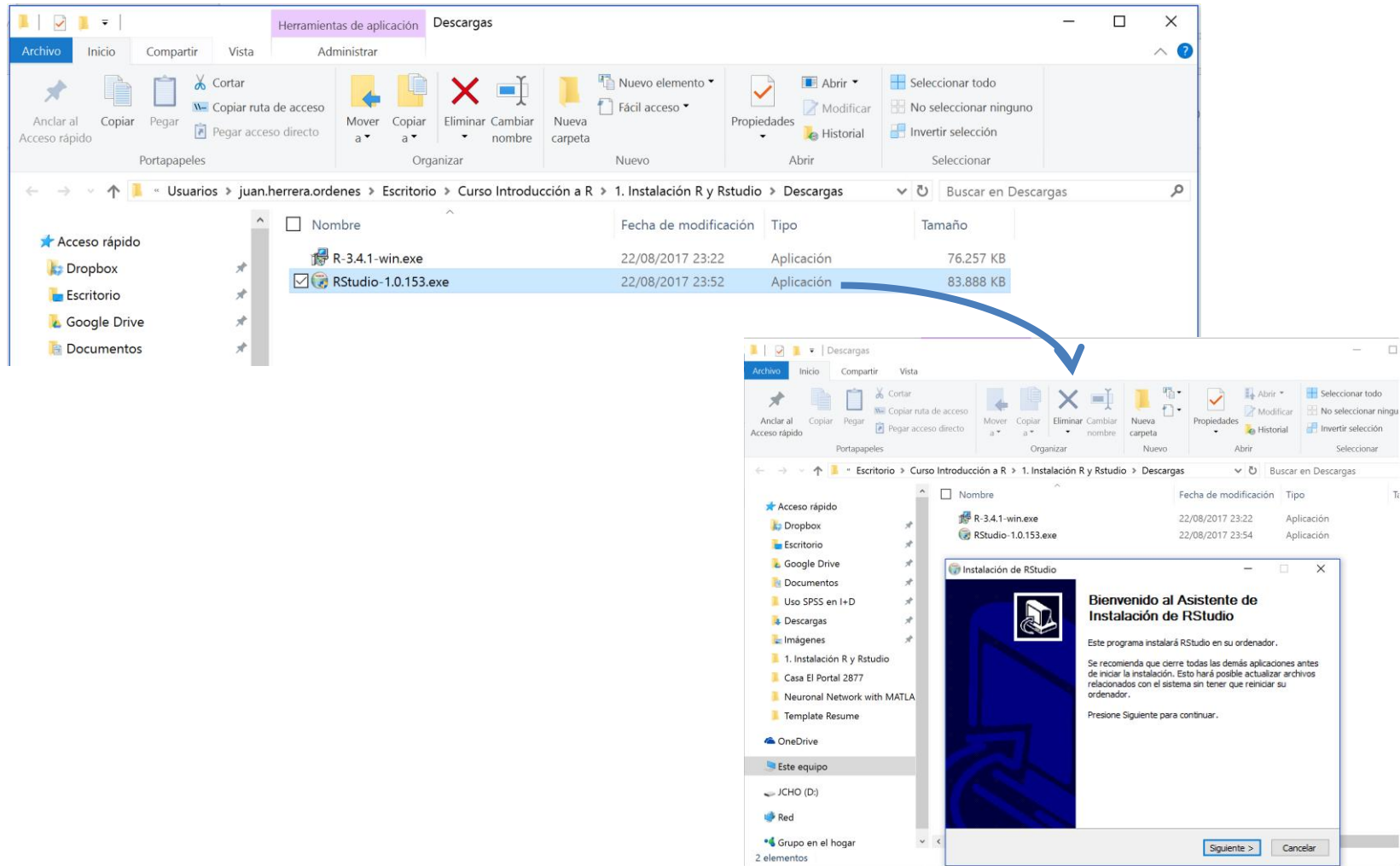
Tipo: Application

Guardar Cancelar

**Zip/Tarballs**  
Zio/tar archives

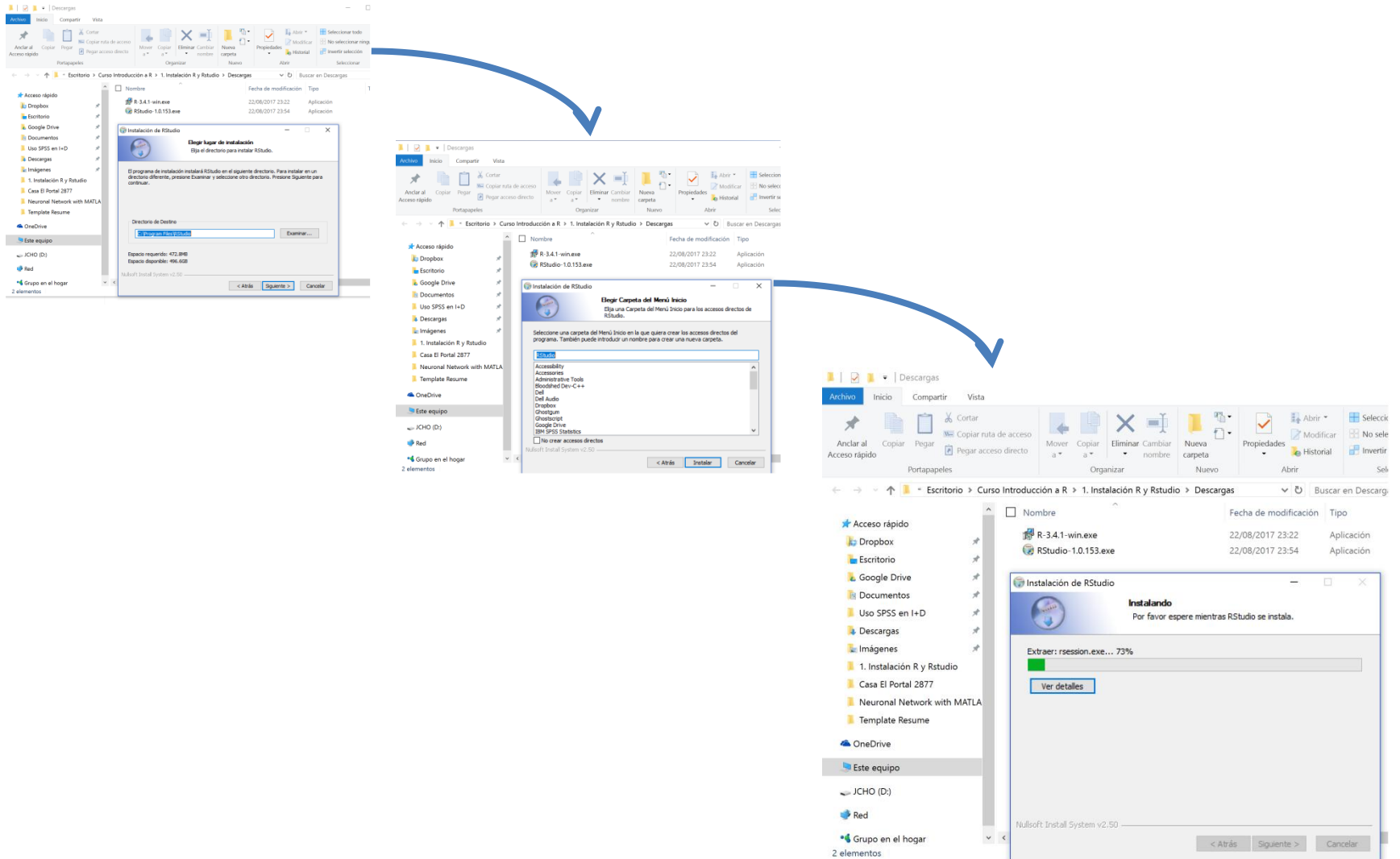
# Instalación Rstudio

## Paso 2:



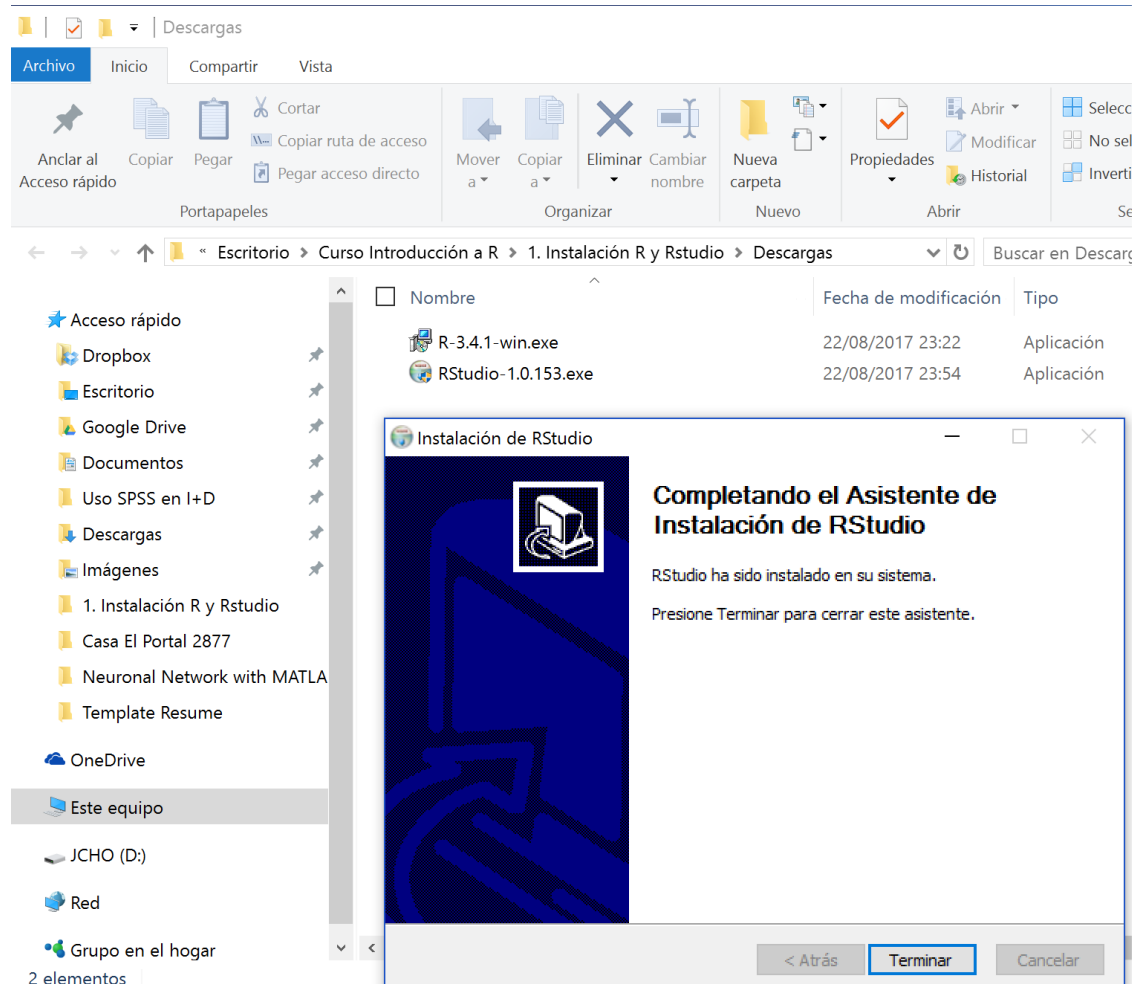
# Instalación Rstudio

## Paso 3:



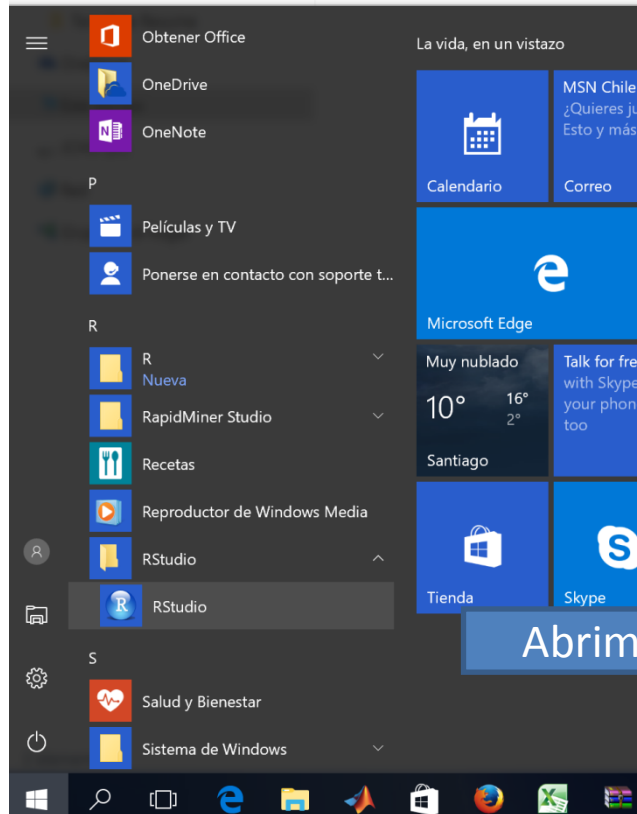
# Instalación Rstudio

## Paso 4: Fin

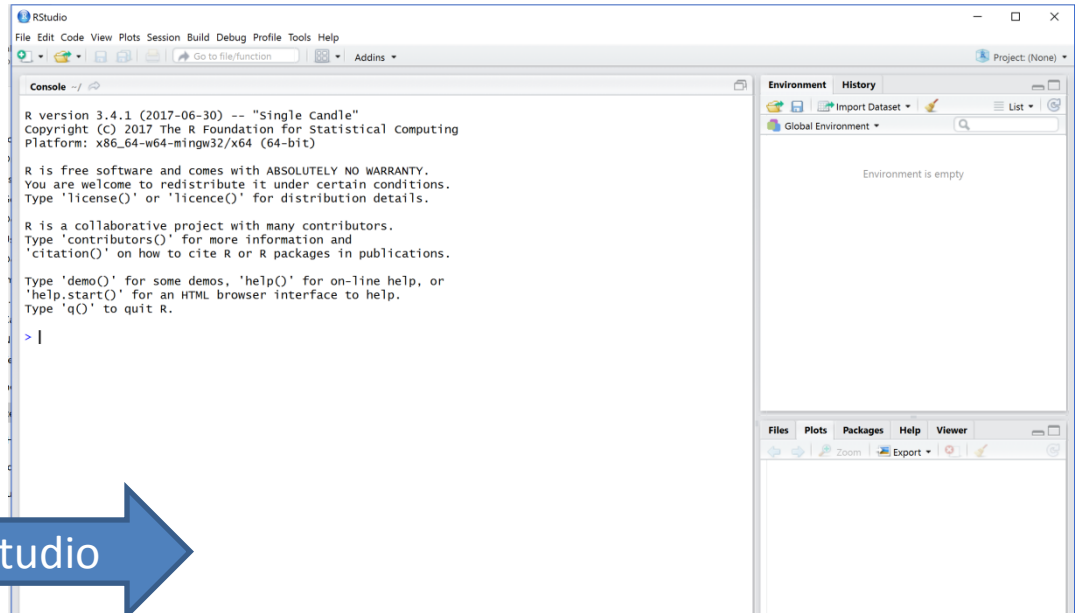


# Instalación Rstudio

## Paso 2: Ir a Download - CRAN

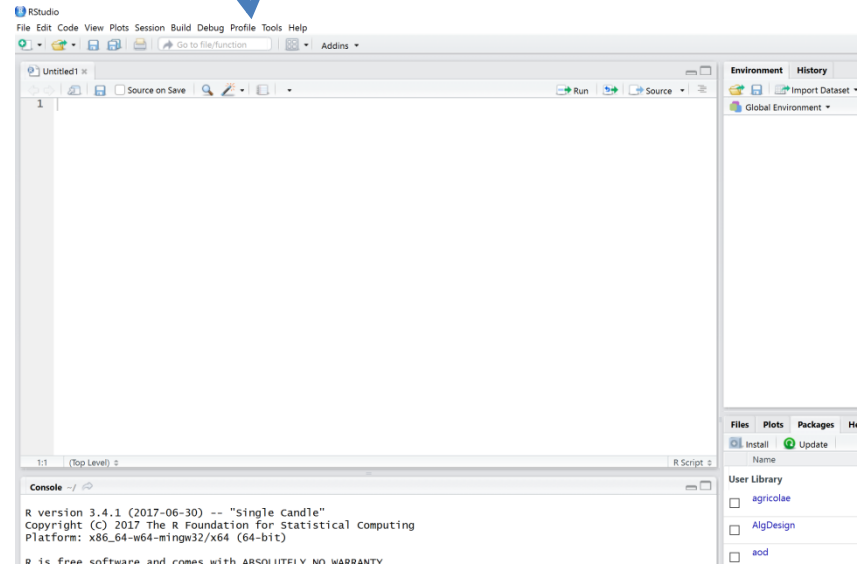
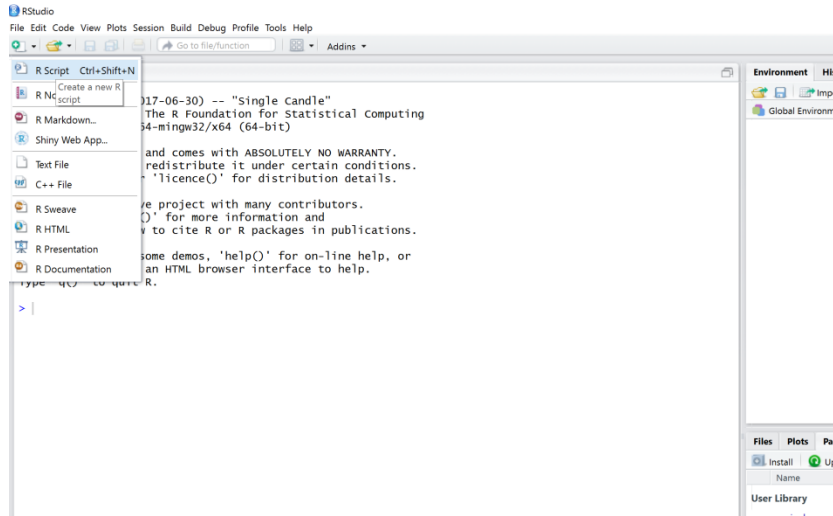


Abrimos Rstudio



# Cargar Librerías en Rstudio

## Paso 1: abrir una hoja para escribir script

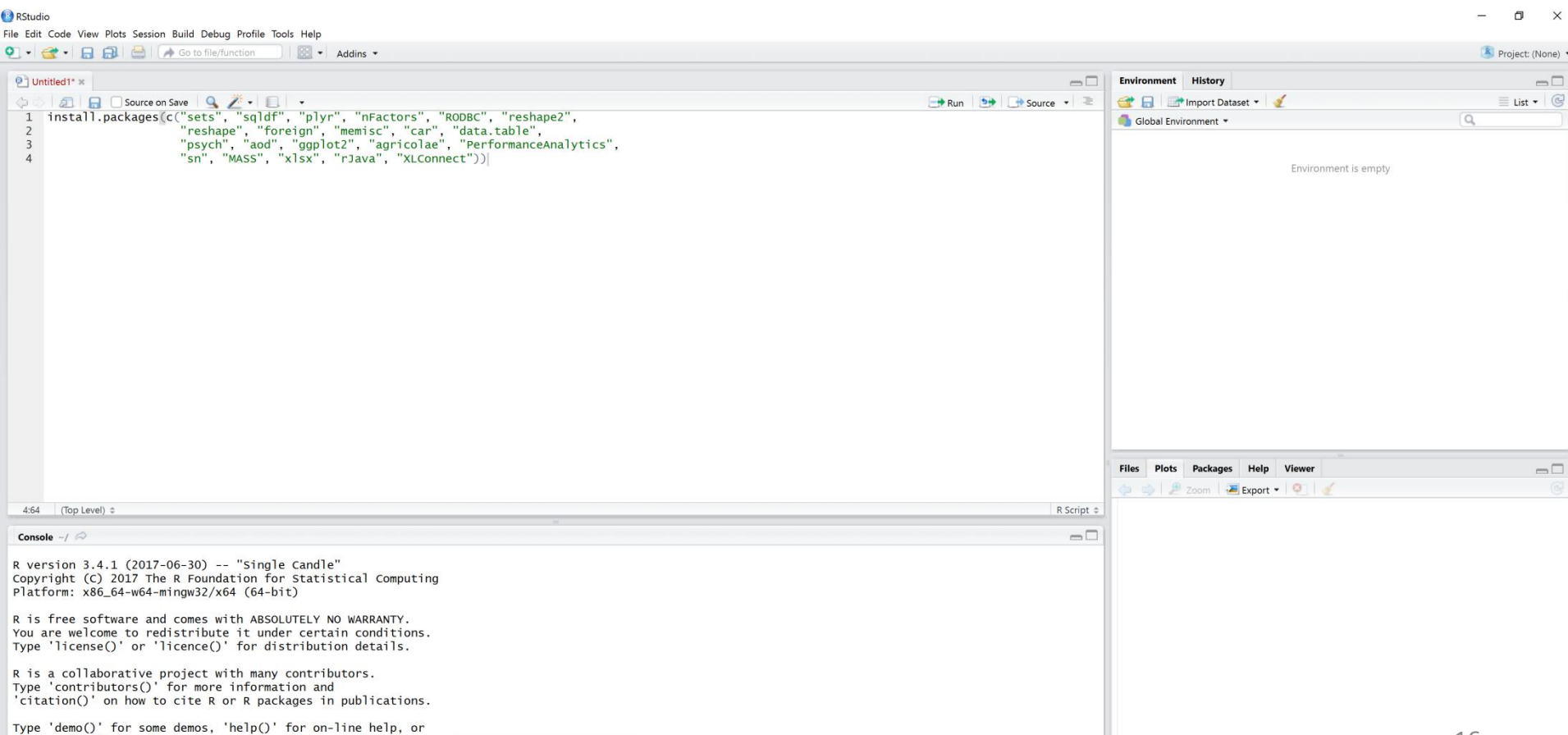


# Cargar Librerías en Rstudio

## Paso 2:

Copiar y pegar en script

```
install.packages(c("sets", "sqldf", "plyr", "nFactors", "RODBC", "reshape2",  
  "reshape", "foreign", "memisc", "car", "data.table",  
  "psych", "aod", "ggplot2", "agricolae", "PerformanceAnalytics",  
  "sn", "MASS", "xlsx", "rJava", "XLConnect"))
```

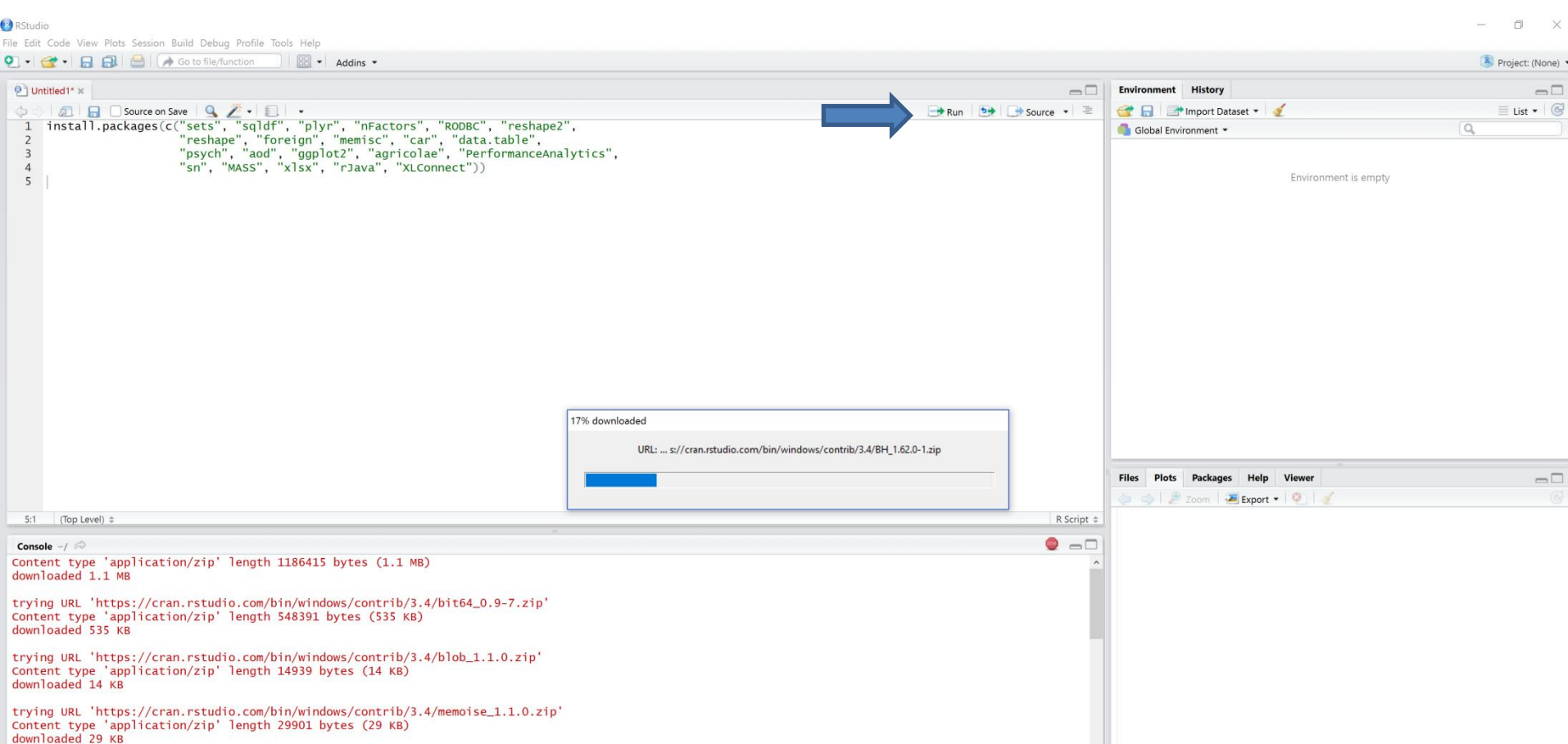




# Cargar Librerías en Rstudio

## Paso 3:

Presionar Run



The screenshot shows the RStudio interface with the following components:

- Source Editor:** Contains the R code for installing packages from CRAN. A blue arrow points to the 'Run' button.
- Run Button:** A green button with a play icon, labeled 'Run'.
- Download Progress Bar:** A small window showing '17% downloaded' for the file `URL: ... s://cran.rstudio.com/bin/windows/contrib/3.4/BH_1.62.0-1.zip`.
- Console:** Displays the output of the `install.packages` function, showing the download progress for several packages.
- Environment Panel:** Shows 'Global Environment' and 'Environment is empty'.
- Files Panel:** Shows the file structure of the project.

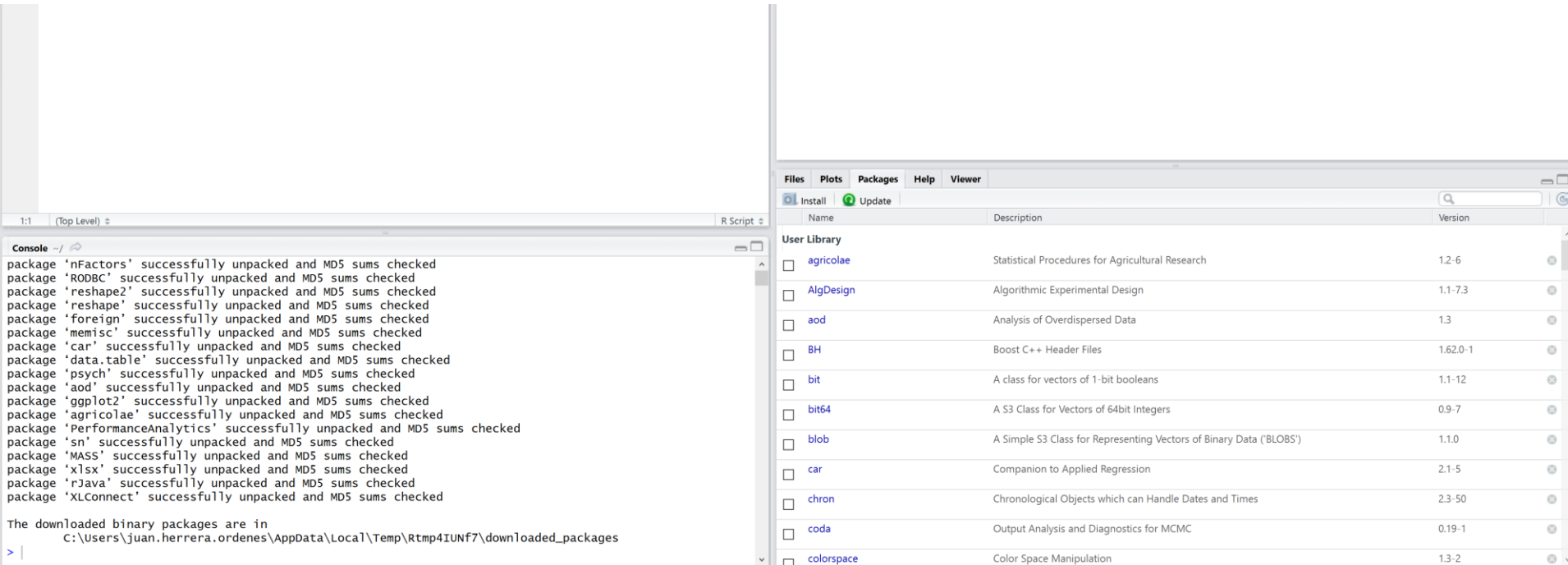
```
install.packages(c("sets", "sqldf", "plyr", "nFactors", "RODBC", "reshape2",  
"reshape", "foreign", "memisc", "car", "data.table",  
"psych", "aod", "ggplot2", "agricolae", "PerformanceAnalytics",  
"sn", "MASS", "xlsx", "rJava", "XLConnect"))
```

Console output:

```
Content type 'application/zip' length 1186415 bytes (1.1 MB)  
downloaded 1.1 MB  
  
trying URL 'https://cran.rstudio.com/bin/windows/contrib/3.4/bit64_0.9-7.zip'  
Content type 'application/zip' length 548391 bytes (535 KB)  
downloaded 535 KB  
  
trying URL 'https://cran.rstudio.com/bin/windows/contrib/3.4/blob_1.1.0.zip'  
Content type 'application/zip' length 14939 bytes (14 KB)  
downloaded 14 KB  
  
trying URL 'https://cran.rstudio.com/bin/windows/contrib/3.4/memoise_1.1.0.zip'  
Content type 'application/zip' length 29901 bytes (29 KB)  
downloaded 29 KB
```

# Cargar Librerías en Rstudio

## Paso 4: Fin



The screenshot shows the RStudio interface during the final steps of installing a set of packages. The console window on the left displays a series of messages indicating that various packages have been successfully unpacked and their MD5 sums checked. The Packages pane on the right shows a list of installed user libraries.

**Console Output:**

```
package 'nFactors' successfully unpacked and MD5 sums checked
package 'RODBC' successfully unpacked and MD5 sums checked
package 'reshape2' successfully unpacked and MD5 sums checked
package 'reshape' successfully unpacked and MD5 sums checked
package 'foreign' successfully unpacked and MD5 sums checked
package 'memisc' successfully unpacked and MD5 sums checked
package 'car' successfully unpacked and MD5 sums checked
package 'data.table' successfully unpacked and MD5 sums checked
package 'psych' successfully unpacked and MD5 sums checked
package 'aod' successfully unpacked and MD5 sums checked
package 'ggplot2' successfully unpacked and MD5 sums checked
package 'agricolae' successfully unpacked and MD5 sums checked
package 'PerformanceAnalytics' successfully unpacked and MD5 sums checked
package 'sn' successfully unpacked and MD5 sums checked
package 'MASS' successfully unpacked and MD5 sums checked
package 'xlsx' successfully unpacked and MD5 sums checked
package 'rJava' successfully unpacked and MD5 sums checked
package 'XLConnect' successfully unpacked and MD5 sums checked
```

The downloaded binary packages are in  
C:\Users\juan.herrera.ordenes\AppData\Local\Temp\Rtmp4IUNf7\downloaded\_packages

**Installed Packages:**

Name	Description	Version
<input type="checkbox"/> <a href="#">agricolae</a>	Statistical Procedures for Agricultural Research	1.2-6
<input type="checkbox"/> <a href="#">AlgDesign</a>	Algorithmic Experimental Design	1.1-7.3
<input type="checkbox"/> <a href="#">aod</a>	Analysis of Overdispersed Data	1.3
<input type="checkbox"/> <a href="#">BH</a>	Boost C++ Header Files	1.62.0-1
<input type="checkbox"/> <a href="#">bit</a>	A class for vectors of 1-bit booleans	1.1-12
<input type="checkbox"/> <a href="#">bit64</a>	A S3 Class for Vectors of 64bit Integers	0.9-7
<input type="checkbox"/> <a href="#">blob</a>	A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS')	1.1.0
<input type="checkbox"/> <a href="#">car</a>	Companion to Applied Regression	2.1-5
<input type="checkbox"/> <a href="#">chron</a>	Chronological Objects which can Handle Dates and Times	2.3-50
<input type="checkbox"/> <a href="#">coda</a>	Output Analysis and Diagnostics for MCMC	0.19-1
<input type="checkbox"/> <a href="#">colorspace</a>	Color Space Manipulation	1.3-2