

Tarea 1 Análisis estadístico 202

Melvin Isac De La Rosa Estrada | Matricula: 1634380

Semestre Agosto – Diciembre 2021

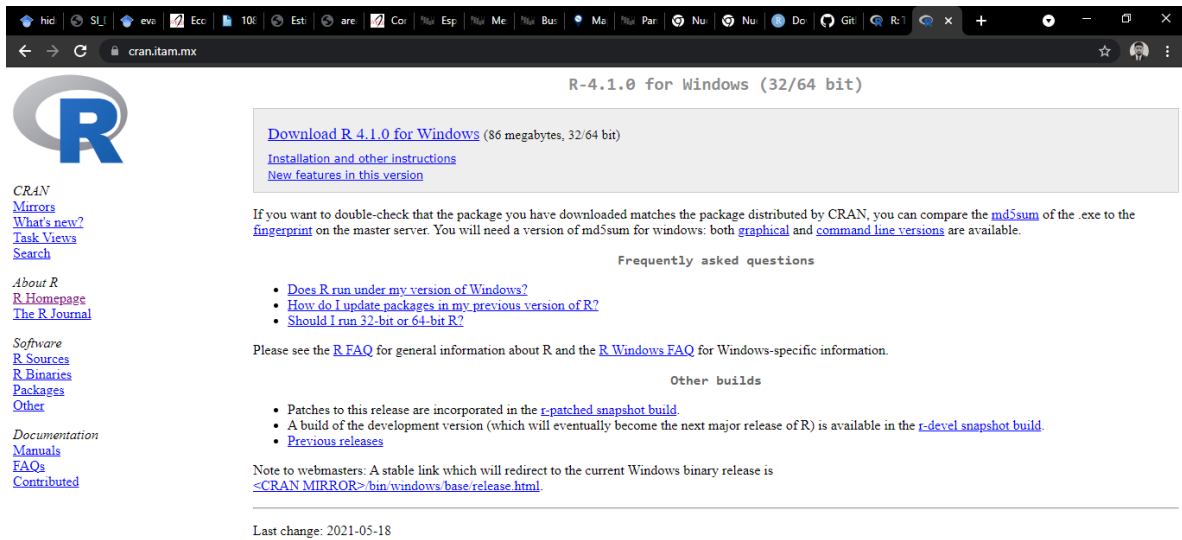
2 de agosto de 2021

Descarga e instalación del programa R studio 2 de agosto de 2021

The image shows the RStudio download page and the installation process. The top part is a browser window displaying the RStudio website. The page has a header with navigation links and a main content area with a blue banner that says "SEE OUR PRO PRODUCTS IN ACTION". Below the banner, there is a section for "RStudio Desktop 1.4.1717 - Release Notes". This section contains two numbered steps: "1. Install R. RStudio requires R 3.0.1+." and "2. Download RStudio Desktop. Recommended for your system:". Below the second step, there is a button that says "DOWNLOAD RSTUDIO FOR WINDOWS 1.4.1717 | 156.18MB". To the right of the text, there is an image of a computer monitor displaying the RStudio interface. Below the download button, it says "Requires Windows 10 (64-bit)".

The bottom part of the image shows a Windows 10 desktop with a colorful abstract background. A window titled "Instalación de RStudio" is open, showing the progress of the installation. The window has a title bar with the RStudio logo and the text "Instalando". Below the title bar, it says "Por favor espere mientras RStudio se instala." and "Extraer: Qt5WebEngineCore.dll... 27%". There is a progress bar and a button labeled "Ver detalles". At the bottom of the window, it says "Nullsoft Install System v3.06.1" and there are buttons for "< Atrás", "Siguiente >", and "Cancelar".

Descarga e instalación de R



The screenshot shows the CRAN website for R-4.1.0 for Windows (32/64 bit). The page includes the CRAN logo, navigation links (CRAN, Mirrors, What's new?, Task Views, Search, About R, R Homepage, The R Journal, Software, R Sources, R Binaries, Packages, Other, Documentation, Manuals, FAQs, Contributed), and a download section. The download section provides a link to download R 4.1.0 for Windows (86 megabytes, 32/64 bit), along with links for installation and other instructions, and new features in this version. Below the download section, there is a section for frequently asked questions, including links to 'Does R run under my version of Windows?', 'How do I update packages in my previous version of R?', and 'Should I run 32-bit or 64-bit R?'. There is also a section for other builds, including links to 'Patches to this release are incorporated in the r-patched snapshot build', 'A build of the development version (which will eventually become the next major release of R) is available in the r-devel snapshot build', and 'Previous releases'. A note to webmasters is provided, stating that a stable link which will redirect to the current Windows binary release is <CRAN MIRROR>bin/windows/base/release.html. The last change is noted as 2021-05-18.

R-4.1.0 for Windows (32/64 bit)

[Download R 4.1.0 for Windows](#) (86 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 the [fingerprint](#) on the master server. You will need a version of md5sum for windows: both [graphical](#) and [command line versions](#) are available.

Frequently asked questions

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)
- [Should I run 32-bit or 64-bit R?](#)

Please see the [R FAQ](#) for general information about R and the [R Windows FAQ](#) for Windows-specific information.

Other builds

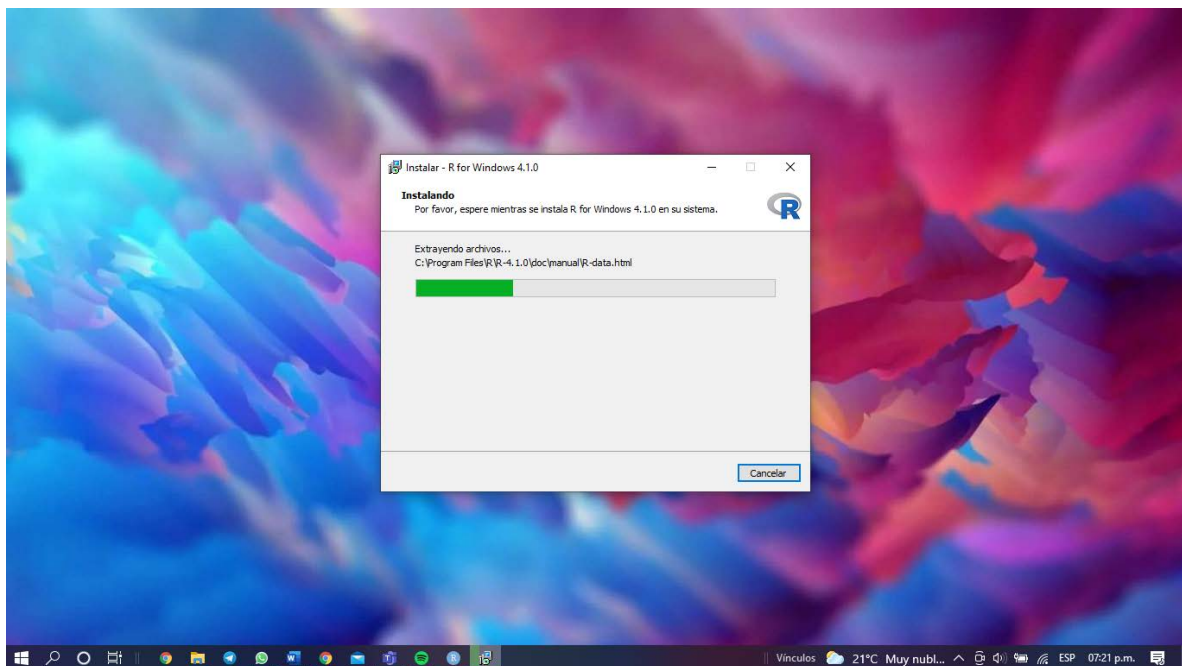
- Patches to this release are incorporated in the [r-patched snapshot build](#).
- A build of the development version (which will eventually become the next major release of R) is available in the [r-devel snapshot build](#).
- [Previous releases](#)

Note to webmasters: A stable link which will redirect to the current Windows binary release is [<CRAN MIRROR>bin/windows/base/release.html](#).

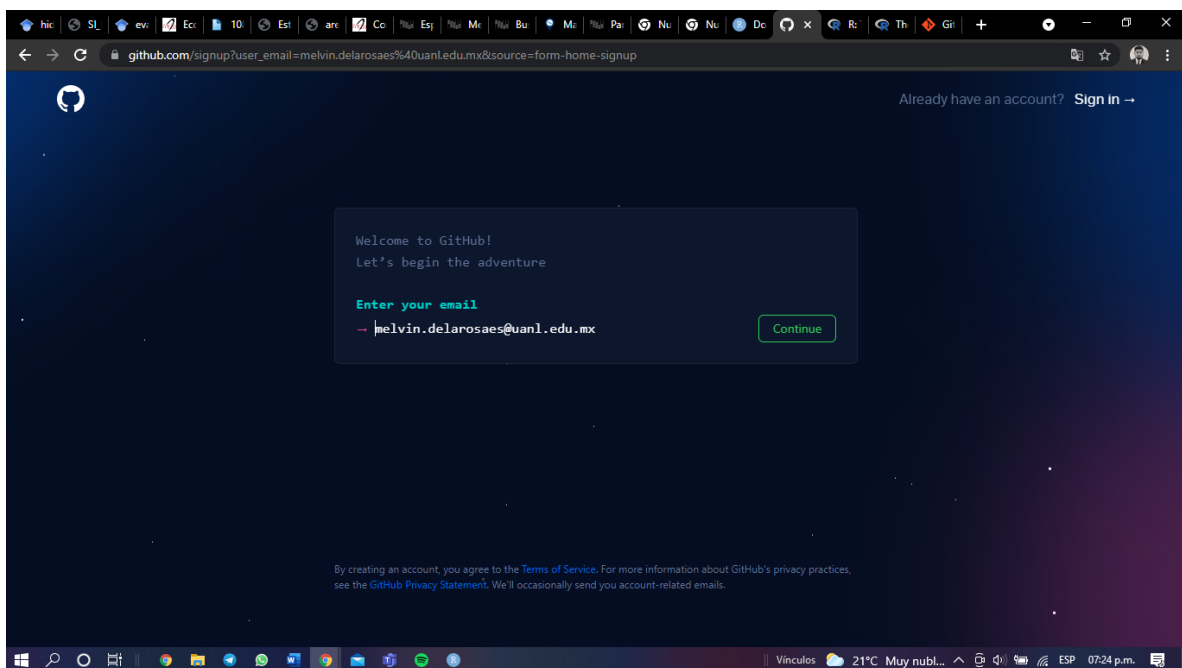
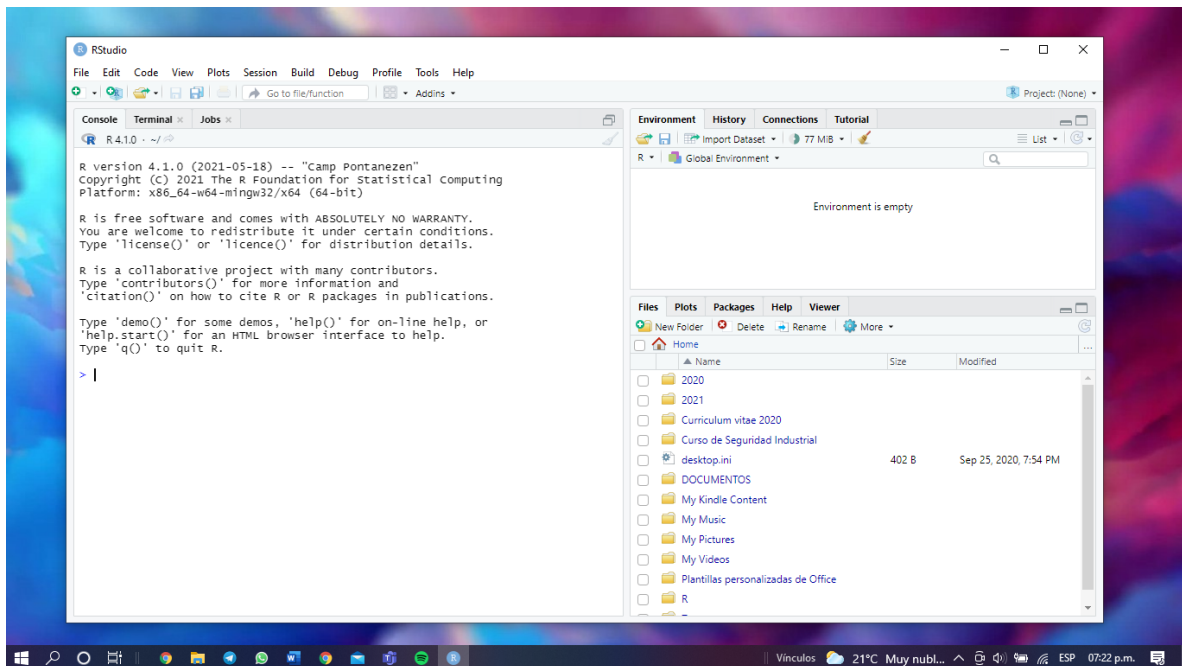
Last change: 2021-05-18



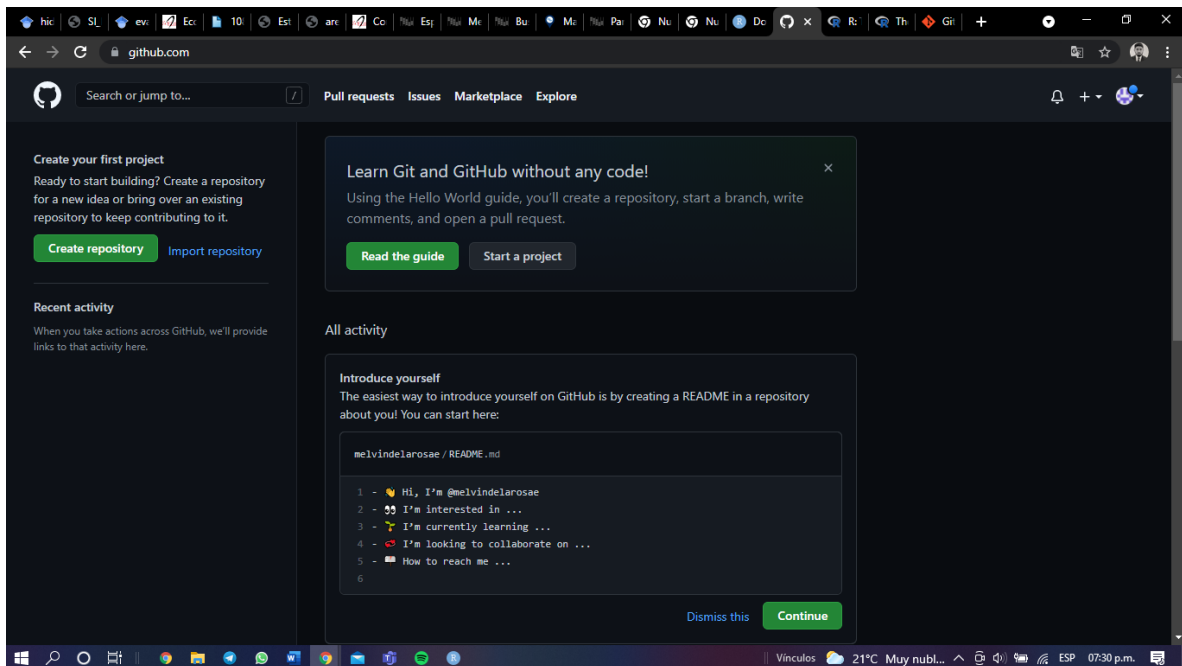
The screenshot shows the Windows taskbar with two open applications: R-4.1.0-win.exe (17.5/85.4 MB, Queda 1 min) and RStudio-1.4.1717.exe. The taskbar also shows the system clock as 07:17 p.m. and the system status as 21°C Muy nubl...



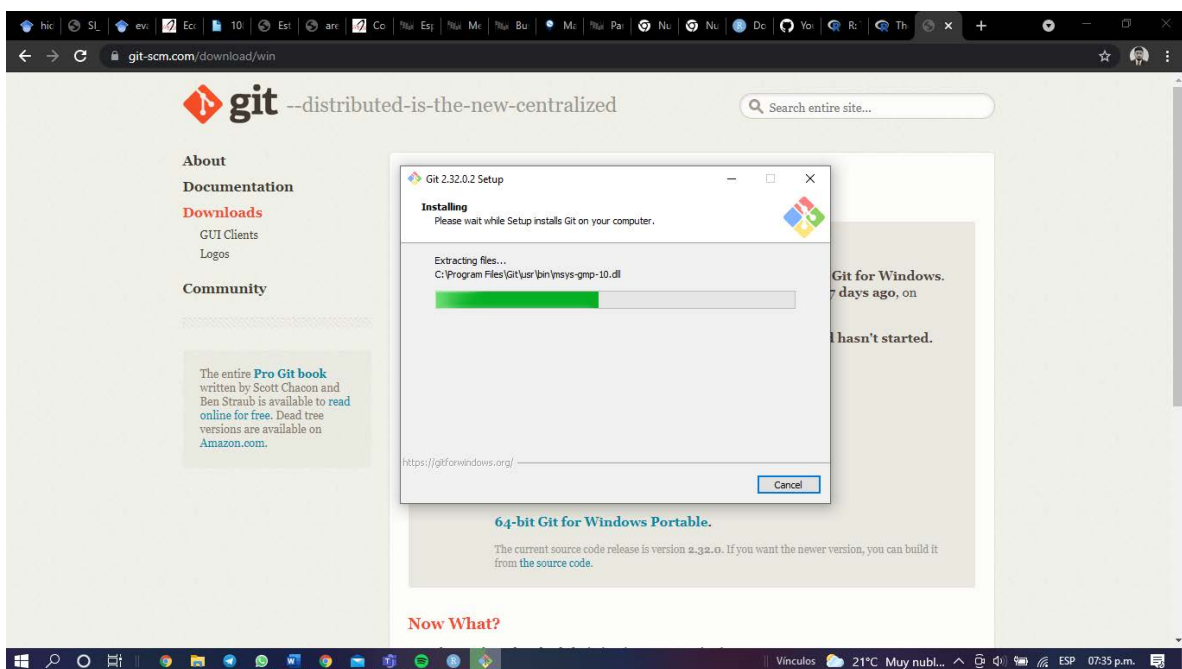
The screenshot shows the R-4.1.0 installer window. The window title is 'Instalar - R for Windows 4.1.0'. The main text says 'Instalando' and 'Por favor, espere mientras se instala R for Windows 4.1.0 en su sistema.' Below this, it says 'Extrayendo archivos...' and 'C:\Program Files\R\R-4.1.0\doc\manual\R-data.html'. A progress bar is shown, indicating the progress of file extraction. The window has a 'Cancelar' button at the bottom right.



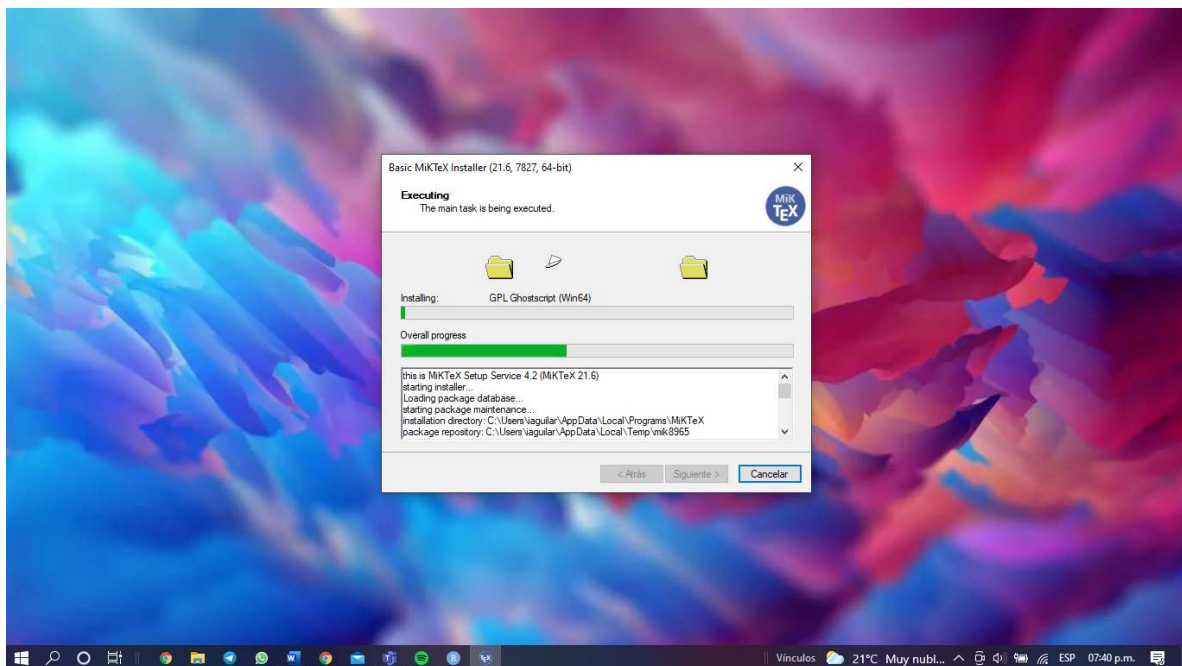
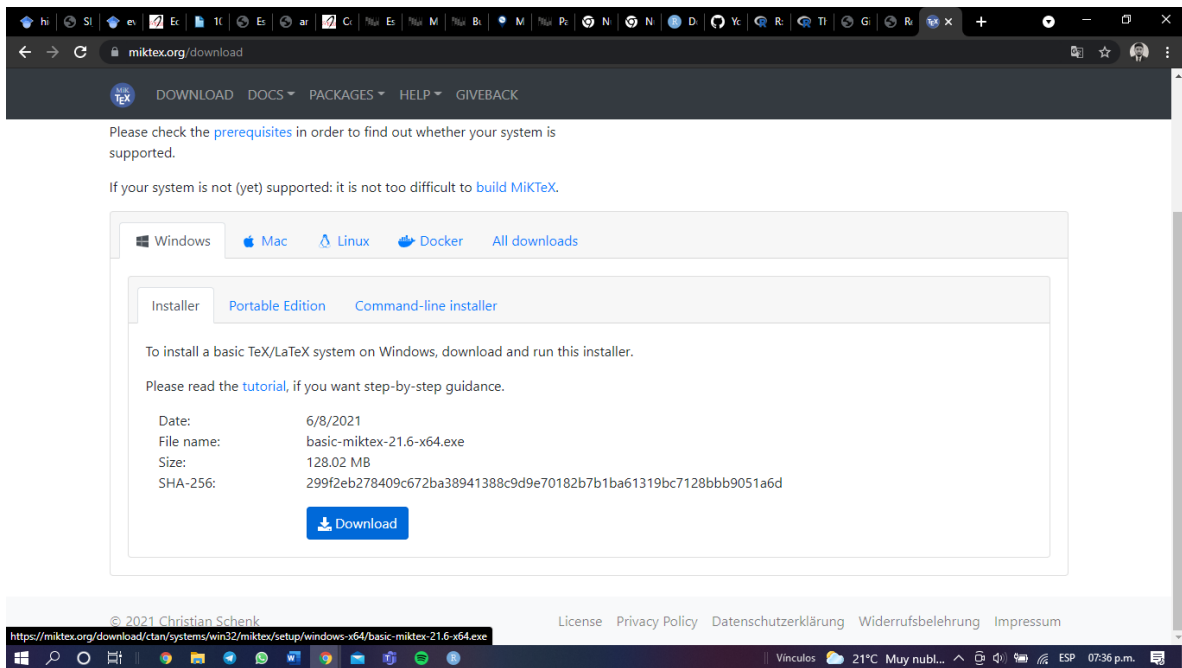
Creación de cuenta en Github



Creación de repositorio para el curso Análisis Estadístico, cuenta Github: melvindelarosae



Descarga e instalación de git



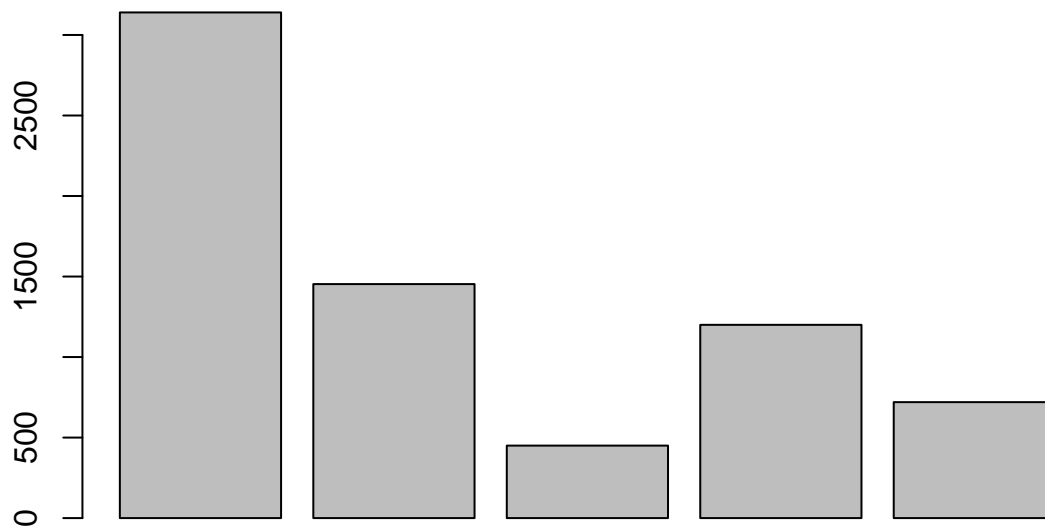
Instalación de MIKTeX

Tarea_1__MelvinDeLaRosa.R

melvindelarosa

2021-08-10

```
#Tarea 1  
#Melvin Isac De La Rosa Estrada  
#Número de matrícula 1634380  
  
# problema 1 -----  
  
pinus <- 3140  
mezquite <- 1453  
encinos <- 450  
teka <- 1200  
juniperos <- 720  
  
superficie <- c(pinus,mezquite,encinos,teka,juniperos)  
  
barplot(superficie)
```

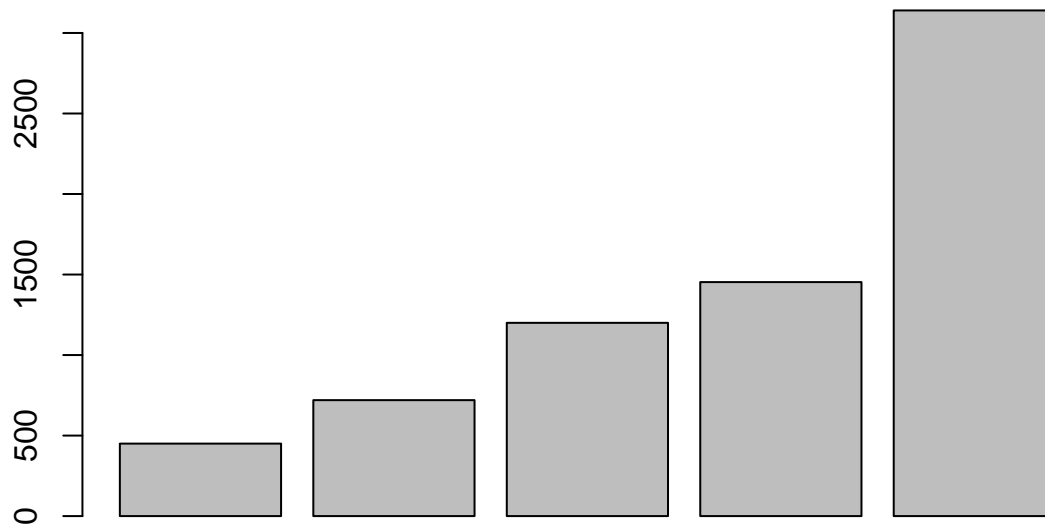


```
sort(superficie)
```

```
## [1] 450 720 1200 1453 3140
```

```
Superficie <- sort(superficie)
```

```
barplot(Superficie)
```

```
mean(superficie)
```

```
## [1] 1392.6
```

```
# problema 2 -----
```

```
germinación <- c(4,1,6,2,4,2,4,2,4,6,3,5,3,2,5,4,0,5,4,2,4,5,3,5,3,5,4,3,6,2)
mean(germinación)
```

```
## [1] 3.6
```

```
help(sd)
sd(germinación)
```

```
## [1] 1.522249
```

```
# problema 3 -----
```

```
altura <- c(38,14,44,11,9,21,39,28,41,4,35,24,36,12,20,31,24,25,10,21,11,36,37,20,26)
mean(altura)
```

```
## [1] 24.68
```

```
sd(altura)
```

```
## [1] 11.54599
```