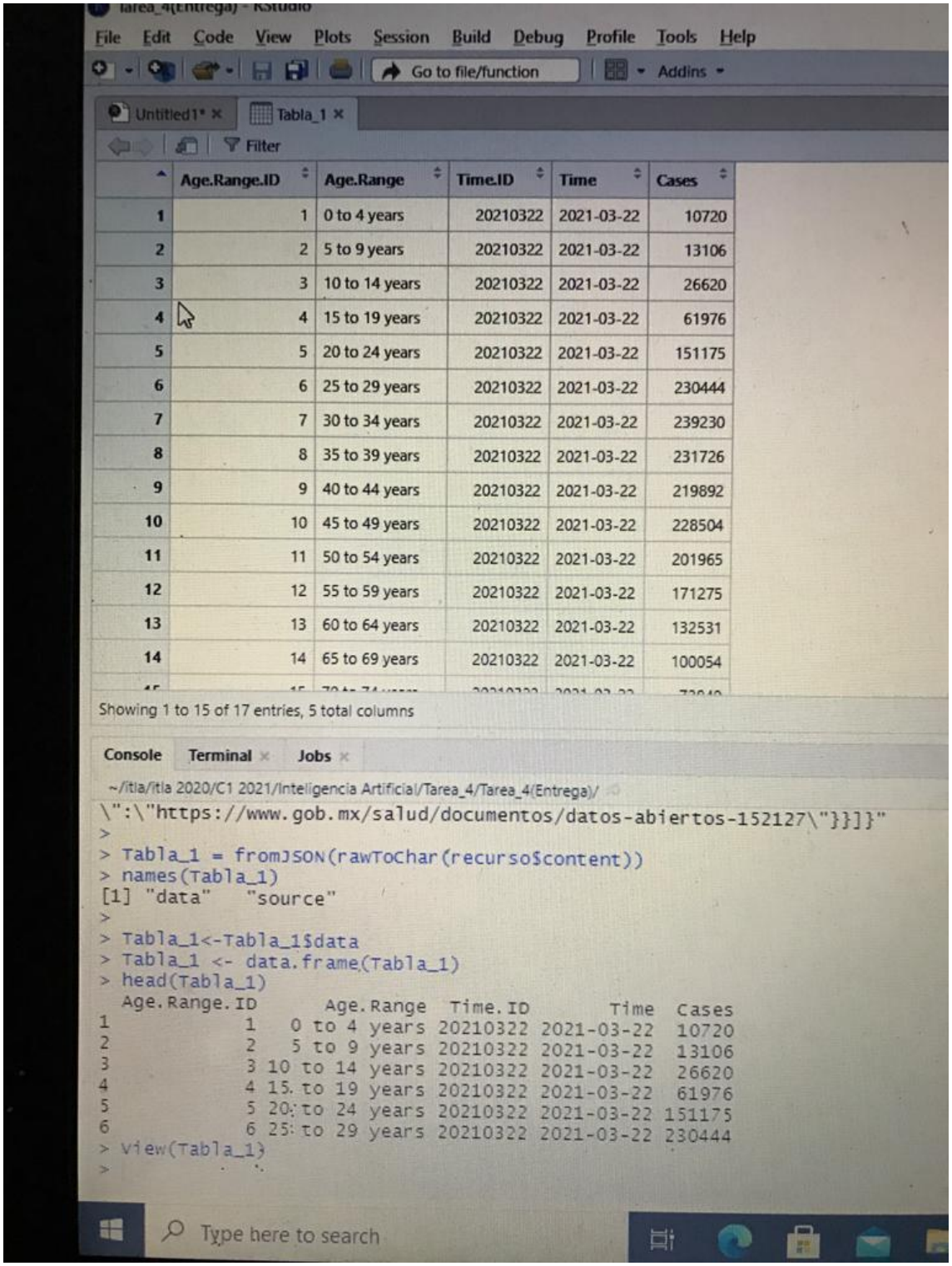
Prueva



Tarea_4(Entrega) - RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function | Addins

Untitled1* × | Tabla_1 ×

Filter

	Age.Range.ID	Age.Range	Time.ID	Time	Cases
1	1	0 to 4 years	20210322	2021-03-22	10720
2	2	5 to 9 years	20210322	2021-03-22	13106
3	3	10 to 14 years	20210322	2021-03-22	26620
4	4	15 to 19 years	20210322	2021-03-22	61976
5	5	20 to 24 years	20210322	2021-03-22	151175
6	6	25 to 29 years	20210322	2021-03-22	230444
7	7	30 to 34 years	20210322	2021-03-22	239230
8	8	35 to 39 years	20210322	2021-03-22	231726
9	9	40 to 44 years	20210322	2021-03-22	219892
10	10	45 to 49 years	20210322	2021-03-22	228504
11	11	50 to 54 years	20210322	2021-03-22	201965
12	12	55 to 59 years	20210322	2021-03-22	171275
13	13	60 to 64 years	20210322	2021-03-22	132531
14	14	65 to 69 years	20210322	2021-03-22	100054

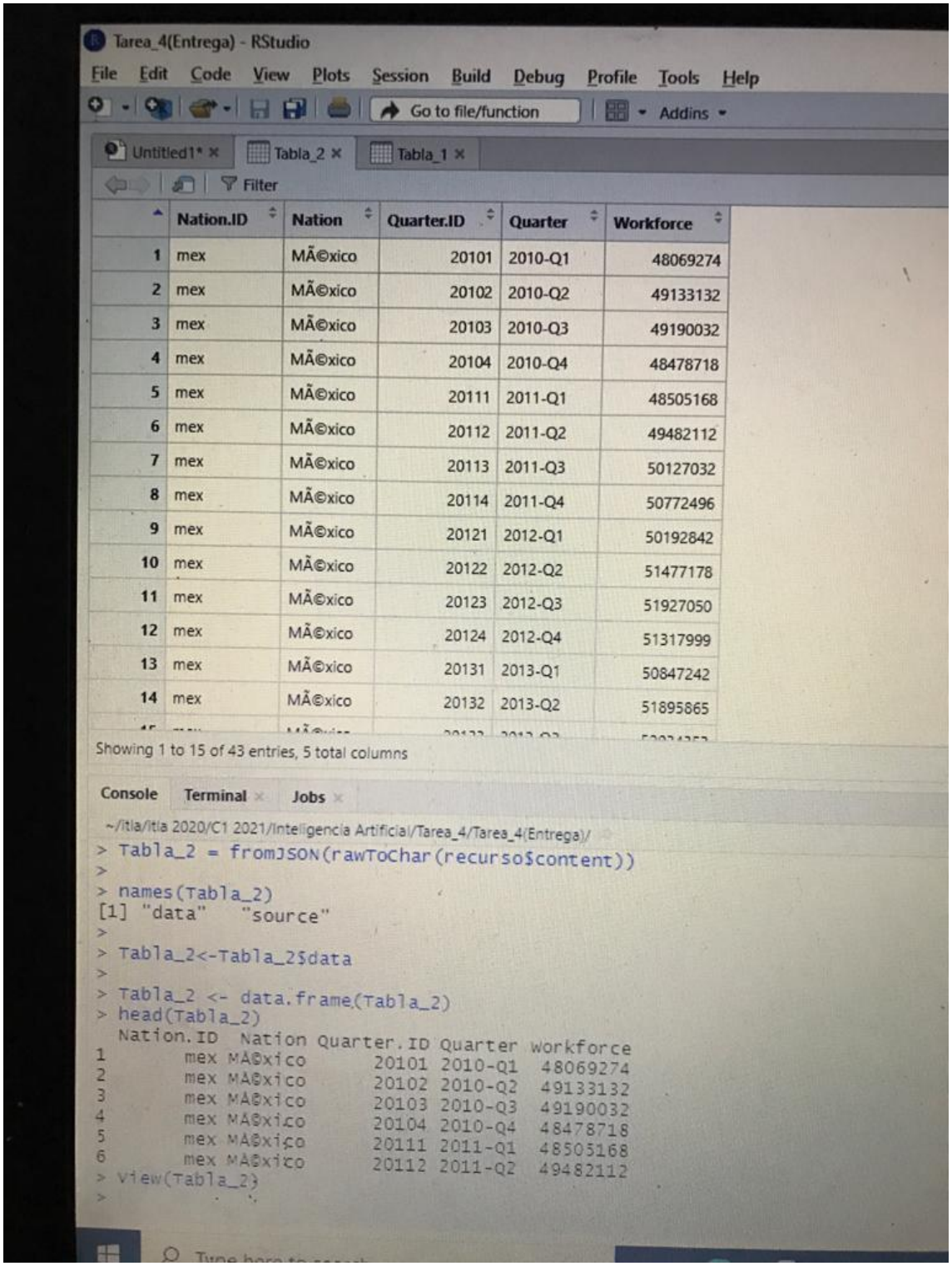
Showing 1 to 15 of 17 entries, 5 total columns

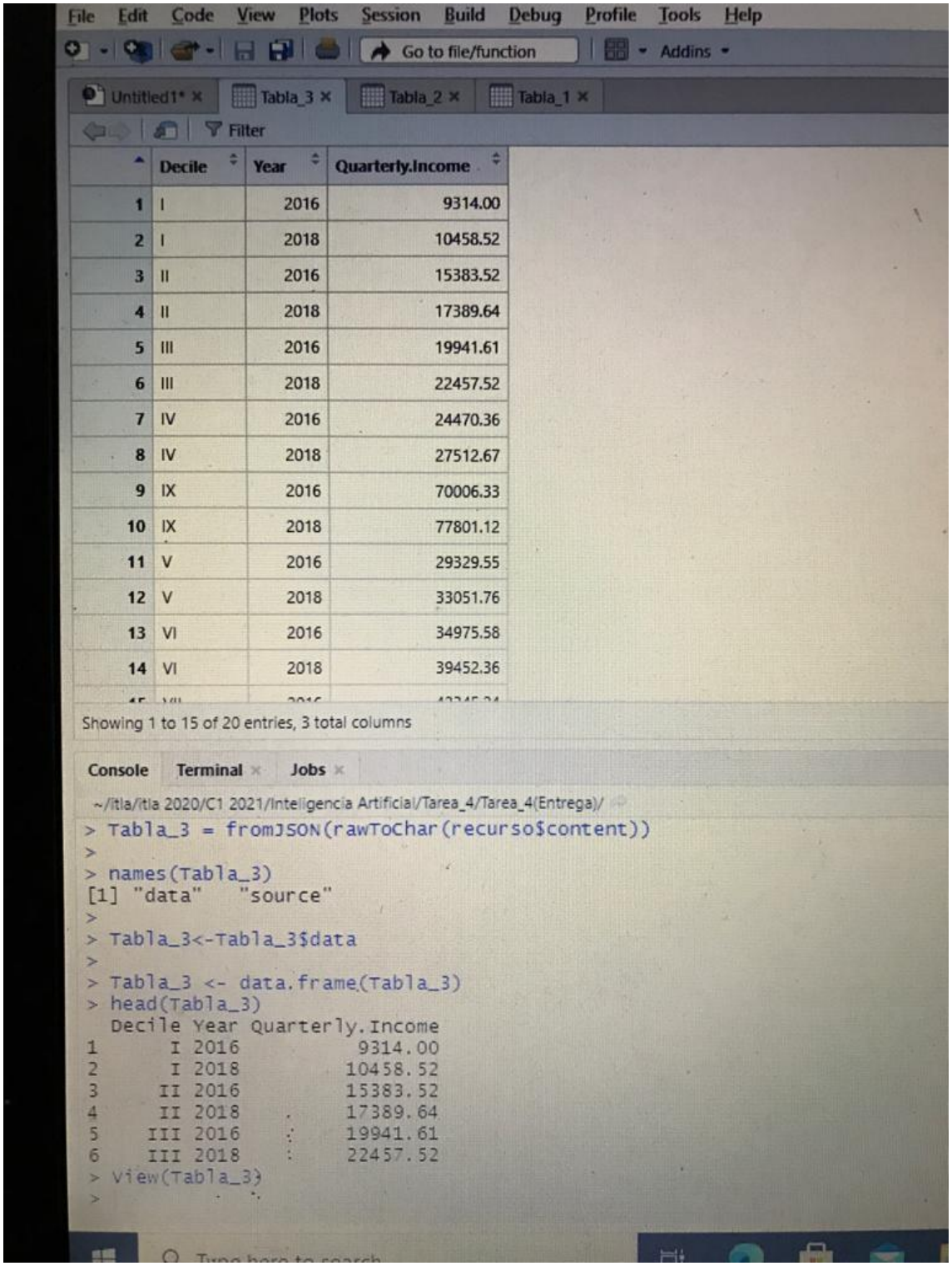
Console Terminal × Jobs ×

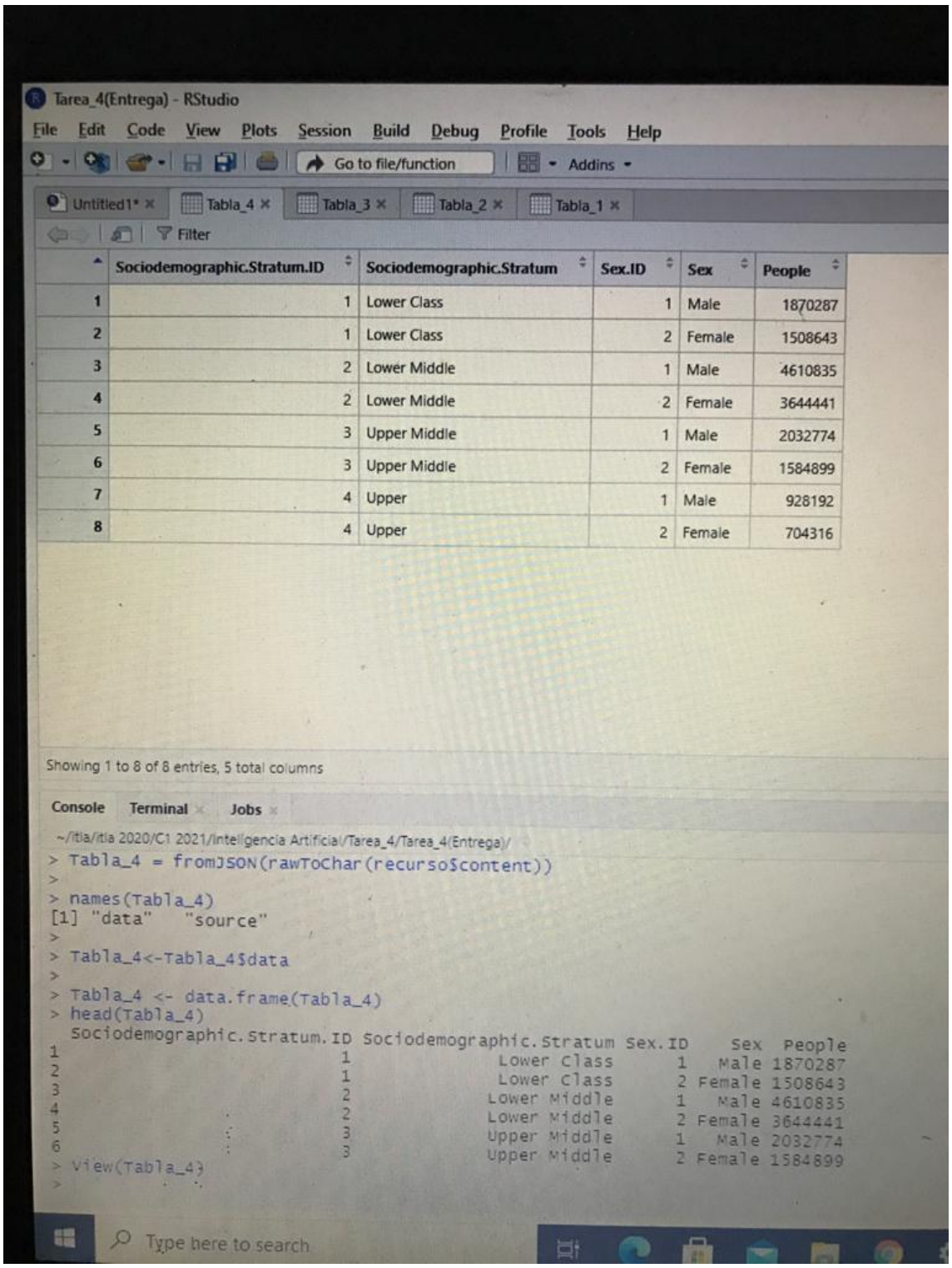
~/itla/itla 2020/C1 2021/Inteligencia Artificial/Tarea_4/Tarea_4(Entrega)/

```
\":\"https://www.gob.mx/salud/documentos/datos-abiertos-152127\"}}]}"
>
> Tabla_1 = fromJSON(rawToChar(recurso$content))
> names(Tabla_1)
[1] "data"   "source"
>
> Tabla_1<-Tabla_1$data
> Tabla_1 <- data.frame(Tabla_1)
> head(Tabla_1)
  Age.Range.ID      Age.Range  Time.ID       Time  Cases
1            1   0 to 4 years 20210322 2021-03-22  10720
2            2   5 to 9 years 20210322 2021-03-22  13106
3            3 10 to 14 years 20210322 2021-03-22  26620
4            4 15 to 19 years 20210322 2021-03-22  61976
5            5 20 to 24 years 20210322 2021-03-22 151175
6            6 25 to 29 years 20210322 2021-03-22 230444
> View(Tabla_1)
>
```

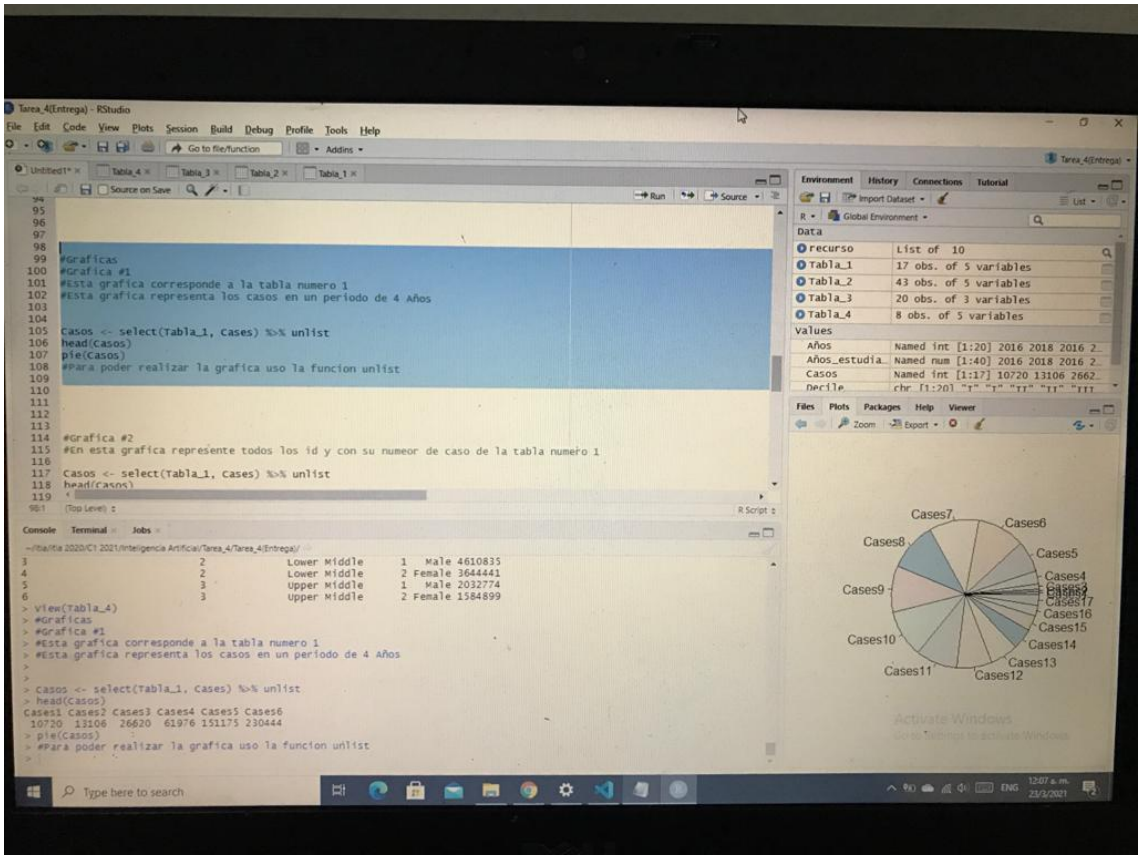
Type here to search

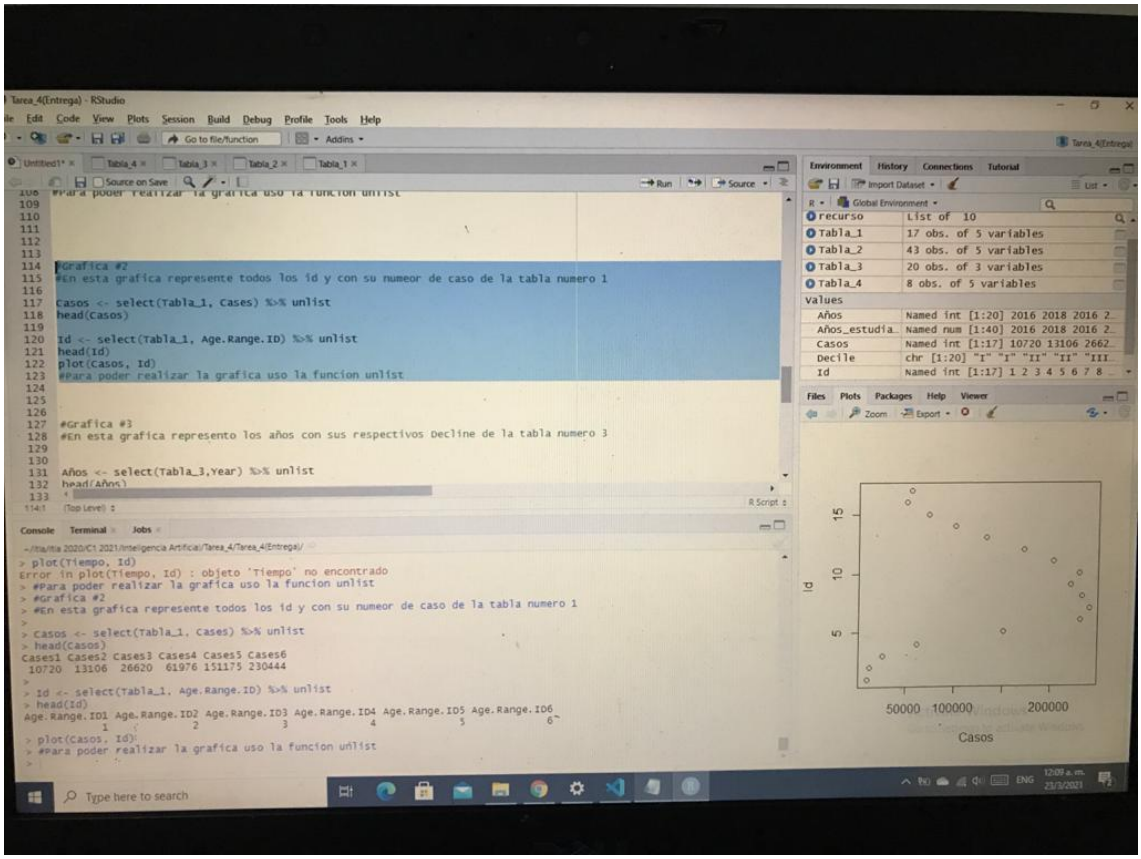

Tarea_4(Entrega) - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Untitled1* ×
Tabla_2 ×
Tabla_1 ×
Filter
Nation.ID Nation Quarter.ID Quarter Workforce
1 mex MÃ©xico 20101 2010-Q1 48069274
2 mex MÃ©xico 20102 2010-Q2 49133132
3 mex MÃ©xico 20103 2010-Q3 49190032
4 mex MÃ©xico 20104 2010-Q4 48478718
5 mex MÃ©xico 20111 2011-Q1 48505168
6 mex MÃ©xico 20112 2011-Q2 49482112
7 mex MÃ©xico 20113 2011-Q3 50127032
8 mex MÃ©xico 20114 2011-Q4 50772496
9 mex MÃ©xico 20121 2012-Q1 50192842
10 mex MÃ©xico 20122 2012-Q2 51477178
11 mex MÃ©xico 20123 2012-Q3 51927050
12 mex MÃ©xico 20124 2012-Q4 51317999
13 mex MÃ©xico 20131 2013-Q1 50847242
14 mex MÃ©xico 20132 2013-Q2 51895865
Showing 1 to 15 of 43 entries, 5 total columns
Console Terminal × Jobs ×
~/itla/itla 2020/C1 2021/Inteligencia Artificial/Tarea_4/Tarea_4(Entrega)/
> Tabla_2 = fromJSON(rawToChar(recurso$content))
>
> names(Tabla_2)
[1] "data" "source"
>
> Tabla_2<-Tabla_2$data
>
> Tabla_2 <- data.frame(Tabla_2)
> head(Tabla_2)
Nation.ID Nation Quarter.ID Quarter Workforce
1 mex MÃ©xico 20101 2010-Q1 48069274
2 mex MÃ©xico 20102 2010-Q2 49133132
3 mex MÃ©xico 20103 2010-Q3 49190032
4 mex MÃ©xico 20104 2010-Q4 48478718
5 mex MÃ©xico 20111 2011-Q1 48505168
6 mex MÃ©xico 20112 2011-Q2 49482112
> View(Tabla_2)
>
Type here to search

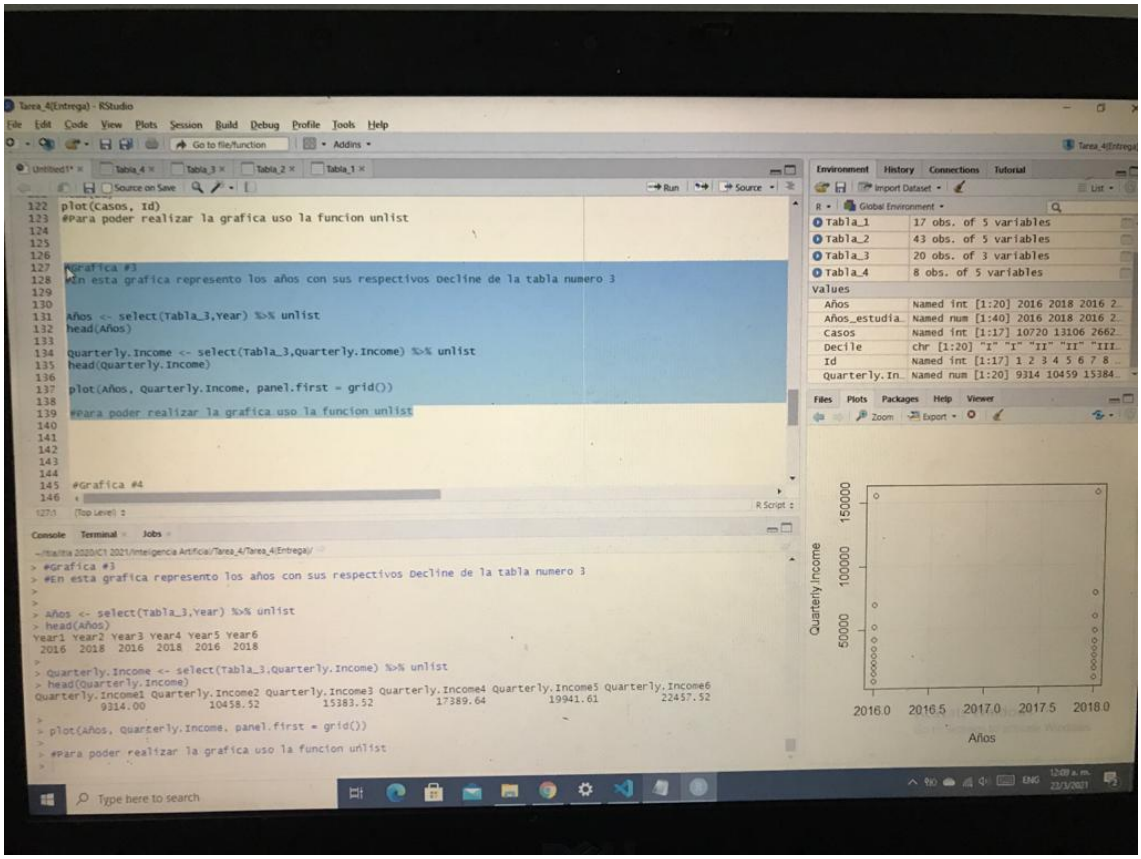

File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Untitled1* ×
Tabla_3 ×
Tabla_2 ×
Tabla_1 ×
Filter
Decile
Year
Quarterly.Income
1 I 2016 9314.00
2 I 2018 10458.52
3 II 2016 15383.52
4 II 2018 17389.64
5 III 2016 19941.61
6 III 2018 22457.52
7 IV 2016 24470.36
8 IV 2018 27512.67
9 IX 2016 70006.33
10 IX 2018 77801.12
11 V 2016 29329.55
12 V 2018 33051.76
13 VI 2016 34975.58
14 VI 2018 39452.36
Showing 1 to 15 of 20 entries, 3 total columns
Console
Terminal ×
Jobs ×
~/itla/itla 2020/C1 2021/Inteligencia Artificial/Tarea_4/Tarea_4(Entrega)/
> Tabla_3 = fromJSON(rawToChar(recurso$content))
>
> names(Tabla_3)
[1] "data" "source"
>
> Tabla_3<-Tabla_3$data
>
> Tabla_3 <- data.frame(Tabla_3)
> head(Tabla_3)
Decile Year Quarterly.Income
1 I 2016 9314.00
2 I 2018 10458.52
3 II 2016 15383.52
4 II 2018 17389.64
5 III 2016 19941.61
6 III 2018 22457.52
> View(Tabla_3)
>

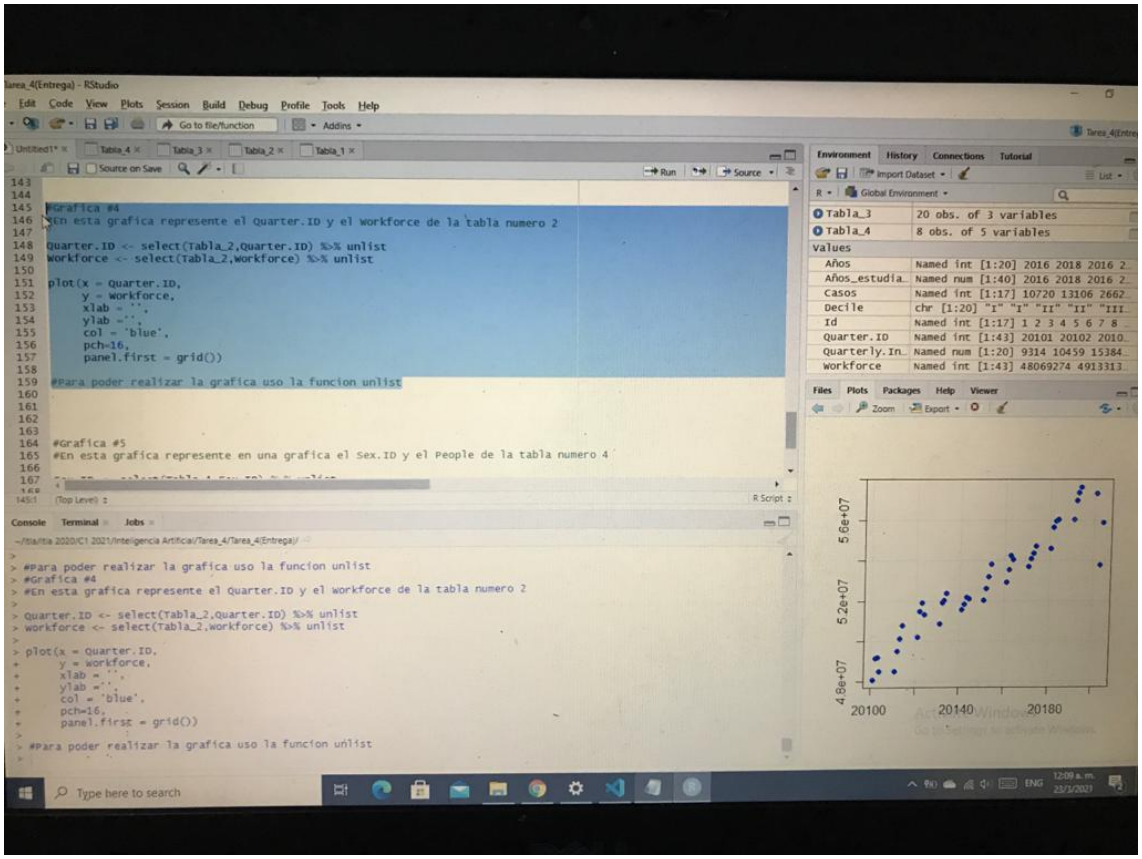


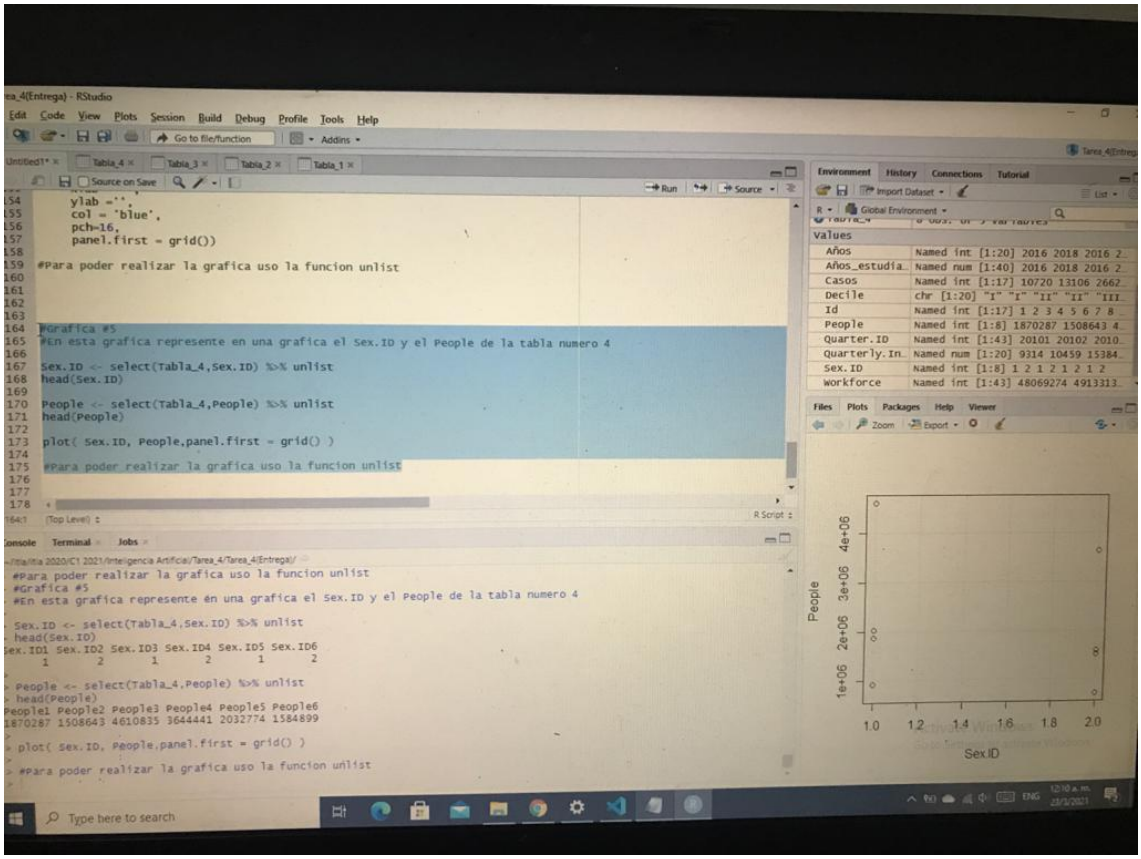
	Sociodemographic.Stratum.ID	Sociodemographic.Stratum	Sex.ID	Sex	People
1	1	Lower Class	1	Male	1870287
2	1	Lower Class	2	Female	1508643
3	2	Lower Middle	1	Male	4610835
4	2	Lower Middle	2	Female	3644441
5	3	Upper Middle	1	Male	2032774
6	3	Upper Middle	2	Female	1584899
7	4	Upper	1	Male	928192
8	4	Upper	2	Female	704316


Tarea_4(Entrega) - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1* Tabla_4 Tabla_3 Tabla_2 Tabla_1
Source on Save
Run Source
#Graficas
#Grafica #1
#Esta grafica corresponde a la tabla numero 1
#Esta grafica representa los casos en un periodo de 4 Años
Casos <- select(Tabla_1, Cases) %>% unlist
head(Casos)
pie(Casos)
#Para poder realizar la grafica uso la funcion unlist
#Grafica #2
#En esta grafica represente todos los id y con su numeor de caso de la tabla numero 1
Casos <- select(Tabla_1, Cases) %>% unlist
head(Casos)
(Top Level)
R Script
Console Terminal Jobs
3 2 Lower Middle 1 Male 4610835
4 2 Lower Middle 2 Female 3644441
5 3 Upper Middle 1 Male 2032774
6 3 Upper Middle 2 Female 1584899
> View(Tabla_4)
> #Graficas
> #Grafica #1
> #Esta grafica corresponde a la tabla numero 1
> #Esta grafica representa los casos en un periodo de 4 Años
> Casos <- select(Tabla_1, Cases) %>% unlist
> head(Casos)
Cases1 Cases2 Cases3 Cases4 Cases5 Cases6
10720 13106 26620 61976 151175 230444
> pie(Casos)
> #Para poder realizar la grafica uso la funcion unlist
Environment History Connections Tutorial
Import Dataset
Global Environment
Data
recurso List of 10
Tabla_1 17 obs. of 5 variables
Tabla_2 43 obs. of 5 variables
Tabla_3 20 obs. of 3 variables
Tabla_4 8 obs. of 5 variables
Values
Años Named int [1:20] 2016 2018 2016 2...
Años_estudia... Named num [1:40] 2016 2018 2016 2...
Casos Named int [1:17] 10720 13106 2662...
Decile chr [1:20] "I" "I" "II" "II" "III"
Files Plots Packages Help Viewer
Zoom Export
Cases7
Cases6
Cases8
Cases5
Cases4
Cases9
Cases3
Cases2
Cases17
Cases16
Cases15
Cases10
Cases14
Cases13
Cases11
Cases12
Activate Windows
Type here to search
ENG
12:07 a. m.
23/3/2021


Tarea_4(Entrega) - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1* Tabla_4 Tabla_3 Tabla_2 Tabla_1
Source on Save
Run Source
#Para poder realizar la grafica uso la funcion unlist
#Grafica #2
#En esta grafica represente todos los id y con su numeor de caso de la tabla numero 1
Casos <- select(Tabla_1, Cases) %>% unlist
head(Casos)
Id <- select(Tabla_1, Age.Range.ID) %>% unlist
head(Id)
plot(Casos, Id)
#Para poder realizar la grafica uso la funcion unlist
#Grafica #3
#En esta grafica represento los años con sus respectivos Decline de la tabla numero 3
Años <- select(Tabla_3,Year) %>% unlist
head(Años)
(Top Level)
R Script
Console Terminal Jobs
> plot(Tiempo, Id)
Error in plot(Tiempo, Id) : objeto 'Tiempo' no encontrado
> #Para poder realizar la grafica uso la funcion unlist
> #Grafica #2
> #En esta grafica represente todos los id y con su numeor de caso de la tabla numero 1
> Casos <- select(Tabla_1, Cases) %>% unlist
> head(Casos)
Cases1 Cases2 Cases3 Cases4 Cases5 Cases6
10720 13106 26620 61976 151175 230444
> Id <- select(Tabla_1, Age.Range.ID) %>% unlist
> head(Id)
Age.Range.ID1 Age.Range.ID2 Age.Range.ID3 Age.Range.ID4 Age.Range.ID5 Age.Range.ID6
1 2 3 4 5 6
> plot(Casos, Id)
> #Para poder realizar la grafica uso la funcion unlist
Environment History Connections Tutorial
Import Dataset
Global Environment
recurso List of 10
Tabla_1 17 obs. of 5 variables
Tabla_2 43 obs. of 5 variables
Tabla_3 20 obs. of 3 variables
Tabla_4 8 obs. of 5 variables
Values
Años Named int [1:20] 2016 2018 2016 2...
Años_estudia... Named num [1:40] 2016 2018 2016 2...
Casos Named int [1:17] 10720 13106 2662...
Decile chr [1:20] "I" "I" "II" "II" "III...
Id Named int [1:17] 1 2 3 4 5 6 7 8 ...
Files Plots Packages Help Viewer
Zoom Export
Id
5
10
15
50000
100000
200000
Casos
Type here to search
ENG
12:09 a. m.
23/3/2021


Tarea_4(Entrega) - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
plot(Casos, Id)
#Para poder realizar la grafica uso la funcion unlist
#Grafica #3
#En esta grafica represento los años con sus respectivos Decline de la tabla numero 3
Años <- select(Tabla_3,Year) %>% unlist
head(Años)
Quarterly.Income <- select(Tabla_3,Quarterly.Income) %>% unlist
head(Quarterly.Income)
plot(Años, Quarterly.Income, panel.first = grid())
#Para poder realizar la grafica uso la funcion unlist
#Grafica #4
Environment History Connections Tutorial
Tabla_1 17 obs. of 5 variables
Tabla_2 43 obs. of 5 variables
Tabla_3 20 obs. of 3 variables
Tabla_4 8 obs. of 5 variables
Values
Años Named int [1:20] 2016 2018 2016 2...
Años_estudia... Named num [1:40] 2016 2018 2016 2...
Casos Named int [1:17] 10720 13106 2662...
Decile chr [1:20] "I" "I" "II" "II" "III...
Id Named int [1:17] 1 2 3 4 5 6 7 8 ...
Quarterly.In... Named num [1:20] 9314 10459 15384...
Files Plots Packages Help Viewer
Zoom Export
Quarterly.Income
150000
100000
50000
2016.0
2016.5
2017.0
2017.5
2018.0
Años
Console Terminal Jobs
> #Grafica #3
> #En esta grafica represento los años con sus respectivos Decline de la tabla numero 3
> Años <- select(Tabla_3,Year) %>% unlist
> head(Años)
Year1 Year2 Year3 Year4 Year5 Year6
2016 2018 2016 2018 2016 2018
> Quarterly.Income <- select(Tabla_3,Quarterly.Income) %>% unlist
> head(Quarterly.Income)
Quarterly.Income1 Quarterly.Income2 Quarterly.Income3 Quarterly.Income4 Quarterly.Income5 Quarterly.Income6
9314.00 10458.52 15383.52 17389.64 19941.61 22457.52
> plot(Años, Quarterly.Income, panel.first = grid())
> #Para poder realizar la grafica uso la funcion unlist
Type here to search
ENG
12:09 a. m.
22/3/2021


Tarea_4(Entrega) - RStudio
Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Untitled1* Tabla_4 Tabla_3 Tabla_2 Tabla_1
Source on Save
Run
Source
#Grafica #4
#En esta grafica represente el Quarter.ID y el workforce de la tabla numero 2
Quarter.ID <- select(Tabla_2,Quarter.ID) %>% unlist
workforce <- select(Tabla_2,workforce) %>% unlist
plot(x = Quarter.ID,
y = workforce,
xlab = '',
ylab ='',
col = 'blue',
pch=16,
panel.first = grid())
#Para poder realizar la grafica uso la funcion unlist
#Grafica #5
#En esta grafica represente en una grafica el Sex.ID y el People de la tabla numero 4
(Top Level)
R Script
Console Terminal Jobs
~/tia/tia 2020/C1 2021/Inteligencia Artificial/Tarea_4/Tarea_4(Entrega)/
> #Para poder realizar la grafica uso la funcion unlist
> #Grafica #4
> #En esta grafica represente el Quarter.ID y el workforce de la tabla numero 2
> Quarter.ID <- select(Tabla_2,Quarter.ID) %>% unlist
> workforce <- select(Tabla_2,workforce) %>% unlist
> plot(x = Quarter.ID,
+ y = workforce,
+ xlab = '',
+ ylab ='',
+ col = 'blue',
+ pch=16,
+ panel.first = grid())
> #Para poder realizar la grafica uso la funcion unlist
Environment History Connections Tutorial
Import Dataset
Global Environment
Tabla_3 20 obs. of 3 variables
Tabla_4 8 obs. of 5 variables
values
Años Named int [1:20] 2016 2018 2016 2...
Años_estudia... Named num [1:40] 2016 2018 2016 2...
Casos Named int [1:17] 10720 13106 2662...
Decile chr [1:20] "I" "I" "II" "II" "III...
Id Named int [1:17] 1 2 3 4 5 6 7 8...
Quarter.ID Named int [1:43] 20101 20102 2010...
Quarterly.In... Named num [1:20] 9314 10459 15384...
workforce Named int [1:43] 48069274 4913313...
Files Plots Packages Help Viewer
Zoom
Export
5.6e+07
5.2e+07
4.8e+07
20100
20140
20180
Type here to search
ENG
12:09 a. m.
23/3/2021


Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Source on Save
Run
Source
ylab ='',
col = 'blue',
pch=16,
panel.first = grid())
#Para poder realizar la grafica uso la funcion unlist
#Grafica #5
#En esta grafica represente en una grafica el Sex.ID y el People de la tabla numero 4
Sex.ID <- select(Tabla_4,Sex.ID) %>% unlist
head(Sex.ID)
People <- select(Tabla_4,People) %>% unlist
head(People)
plot(Sex.ID, People,panel.first = grid())
#Para poder realizar la grafica uso la funcion unlist
R Script
Console Terminal Jobs
#Para poder realizar la grafica uso la funcion unlist
#Grafica #5
#En esta grafica represente en una grafica el Sex.ID y el People de la tabla numero 4
> Sex.ID <- select(Tabla_4,Sex.ID) %>% unlist
> head(Sex.ID)
Sex.ID1 Sex.ID2 Sex.ID3 Sex.ID4 Sex.ID5 Sex.ID6
1 2 1 2 1 2
> People <- select(Tabla_4,People) %>% unlist
> head(People)
People1 People2 People3 People4 People5 People6
1870287 1508643 4610835 3644441 2032774 1584899
> plot(Sex.ID, People,panel.first = grid())
> #Para poder realizar la grafica uso la funcion unlist
Environment History Connections Tutorial
Import Dataset
Global Environment
Values
Años Named int [1:20] 2016 2018 2016 2
Años_estudia.. Named num [1:40] 2016 2018 2016 2
Casos Named int [1:17] 10720 13106 2662
Decile chr [1:20] "I" "I" "II" "II" "III
Id Named int [1:17] 1 2 3 4 5 6 7 8
People Named int [1:8] 1870287 1508643 4
Quarter.ID Named int [1:43] 20101 20102 2010
Quarterly.In.. Named num [1:20] 9314 10459 15384
Sex.ID Named int [1:8] 1 2 1 2 1 2 1 2
Workforce Named int [1:43] 48069274 4913313
Files Plots Packages Help Viewer
Zoom
Export
People
1e+06
2e+06
3e+06
4e+06
1.0
1.2
1.4
1.6
1.8
2.0
Sex.ID
Type here to search
ENG
12:10 a. m.
23/3/2021