Trabajo practico n°3

Grupo: MATE CODERS

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Consignas

pantalla)

Data

Environment

History

R * Global Environment *

> detach("package:readxl", unload = TRUE)
> library(readxl)

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled1* × Untitled2* × base_de_datos ×

base_de_datos <- read_excel("../base_de_datos_tp3.xlsx")

base_de_datos <- read_excel(".../base_de_datos_tp3.xlsx")
base_de_datos</pre>

g1 <- ggplot(base_de_datos, aes(marca, modelo))
g1 + geom_point()</pre>

Content type 'application/zip' length 1465682 bytes (1.4 MB) downloaded 1.4 MB package 'hexbin' successfully unpacked and MD5 sums checked

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled1* × Untitled2* × base_de_datos ×

The downloaded binary packages are in

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estadistica - master - RStudio

library(readxl)

9:1 (Top Level) \$

base_de_datos

Import Dataset ▼ 137 MiB ▼

Connections

- 1. Generar en Excel una base de datos que tenga al menos 50 registros o mas, como minimo 5 campos, con datos numéricos y alfanuméricos.
 - script) captura de pantalla. 🔞 estadistica - master - RStudio

X

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≣ List • | C •

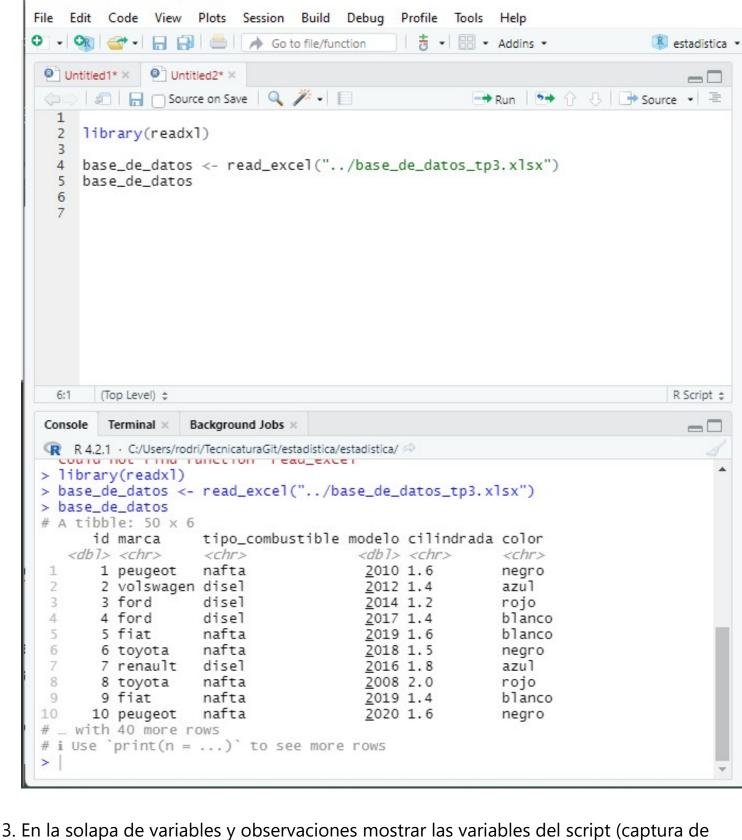
1.2.1

7.3-15

■ estadistica ▼

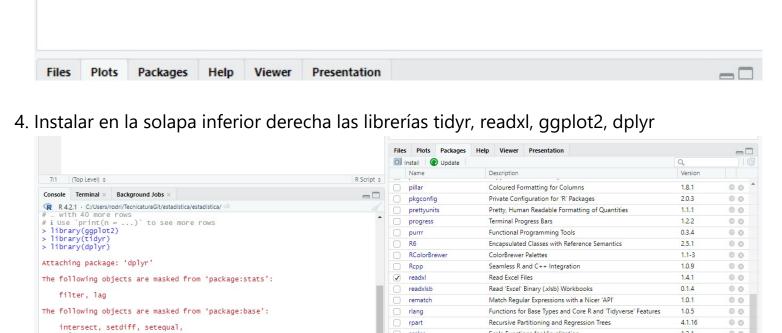
S Publish ▼ ©

2. Generar luego en R-ESTUDIO, un script que muestre dicho archivo (en la solapa de



Tutorial

50 obs. of 6 variables



scales

spatial

R 🕶 🥚 Global Environment 🕶

Files Plots Packages Help Viewer Presentation

base_de_datos

Scale Functions for Visualization

50 obs. of 6 variables

The R Stats Package

Functions for Kriging and Point Pattern Analysis

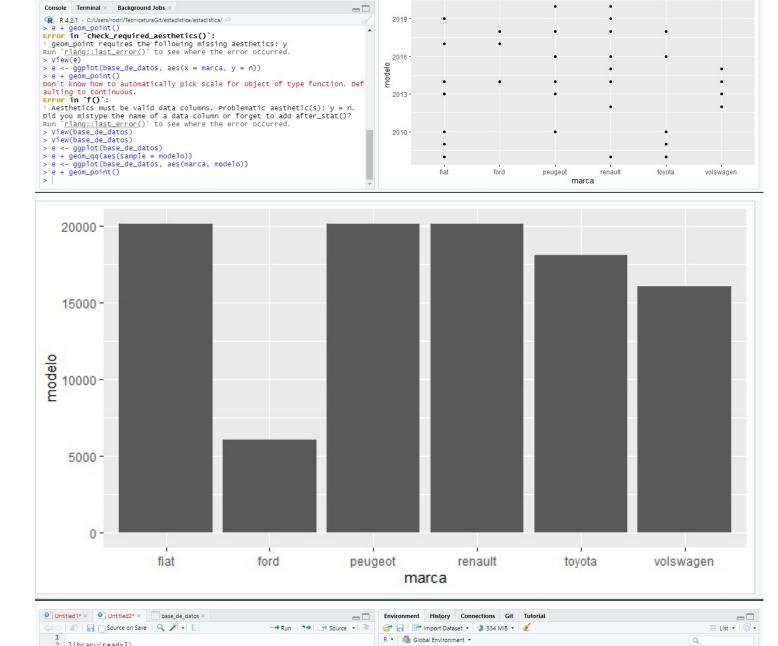
Regression Spline Functions and Classes

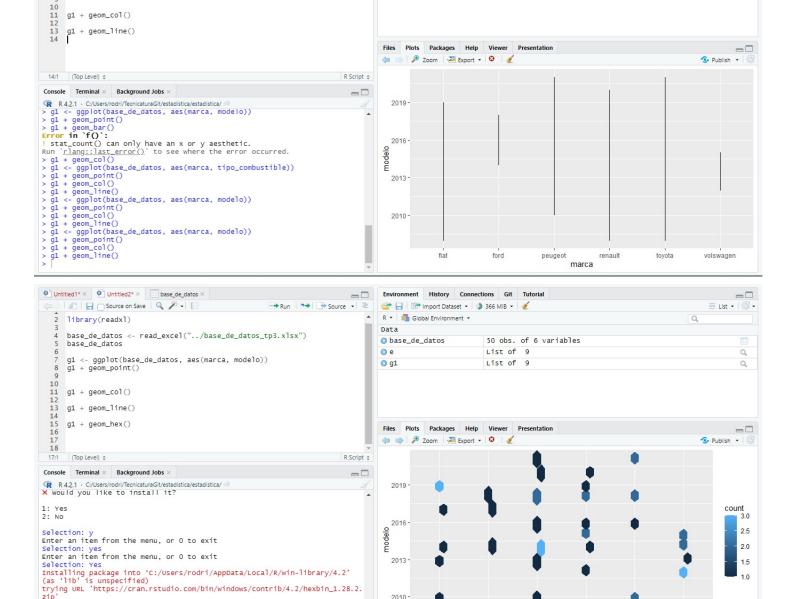
base_de_datos List of 9 0 e e <- ggplot(base_de_datos, aes(marca, modelo)) e + geom_point()

Data

5. Con dos de las columnas de la tabla seleccionada generar un grafico usando ggplot2 y

mostrar graficos de puntos, barra, lineal y fraccionado. (captura de pantalla)





2010

Environment History Connections Git Tutorial

volswagen

Q

toyota

renault

marca

peugeot

0 g1

List of 9 List of 9

☐ Import Dataset ▼ 360 MiB ▼ R • Global Environment • library(readxl) base_de_datos <- read_excel("../base_de_datos_tp3.xlsx")
base_de_datos</pre> D base de datos 50 obs. of 6 variables g1 <- ggplot(base_de_datos, aes(marca, modelo))
g1 + geom_point()</pre> e List of List of 9 0 g1

6. Instalar una nueva librería que se llama tidyverse (captura de pantalla)

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g1 + geom_col()
                                g1 + geom_line()
                               g1 + geom_hex()
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                                   install.packages("tidyverse")
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                Console Terminal × Background Jobs ×

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7. Usando esta librería calcular la media, mediana y desviación estándar. (en la solapa de
             consola) captura de pantalla del uso de la librería) y mostrar resultados.
                                                                   Terminal ×
                                                                                                                           Background Jobs ×
```

R 4,2,1 · C:/Users/rodri/TecnicaturaGit/estadistica/estadistica/ @ > media <- mean(tmodelo)</pre>

```
> media
[1] 3.846154
> mediana <- median(tmodelo)
> mediana
[1] 3
> desviacion_estandar <- var(tmodelo) ^ 0.5
> desviacion_estandar
[1] 1.772294
```