

Tarea

Análisis Exploratorio de Datos, Máster en Ciencia de Datos- UV

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1 Introducción.

El objetivo de esta tarea es ... bla bla bla

2 Apartado. Instalación de paquetes

Incluimos todas las librerías necesarias para la ejecución del código en la siguiente lista. `packages = c("tidyverse","knitr","dplyr", "readr", "tidyr","lubridate")`

Si la librería no está instalada se instalará y cargará, sino solo se cargará.

```
# Especificamos las librerías necesarias en esta lista

packages = c("tidyverse","knitr", "dplyr","readr", "tidyr", "lubridate")

#use this function to check if each package is on the local machine
#if a package is installed, it will be loaded
#if any are not, the missing package(s) will be installed and loaded
package.check <- lapply(packages, FUN = function(x) {
  if (!require(x, character.only = TRUE)) {
    install.packages(x, dependencies = TRUE)
    library(x, character.only = TRUE)
  }
})

#verify they are loaded
search()
```

```
[1] ".GlobalEnv"      "package:lubridate" "package:forcats"  "package:stringr"  
[5] "package:dplyr"   "package:purrr"    "package:readr"    "package:tidyr"  
[9] "package:tibble"  "package:ggplot2"  "package:tidyverse" "package:knitr"  
[13] "package:stats"   "package:graphics" "package:grDevices" "package:utils"  
[17] "package:datasets" "package:methods"  "Autoloads"        "package:base"
```

```
fert <- read_csv("data/children_per_woman_total_fertility.csv")  
mort <- read_csv("data/child_mortality_0_5_year_olds_dying_per_1000_born.csv")
```

```
fert_tidy<-pivot_longer(fert, names_to="Year", values_to="Fertility", cols=-"country")  
mort_tidy<-pivot_longer(mort, names_to="Year", values_to="Fertility", cols=-"country")
```

```
load("data/Deposito.RData")  
class(Deposito$FECHA)
```

```
[1] "character"
```

```
class(Deposito$HORA)
```

```
[1] "character"
```

```
Deposito<-unite(Deposito, FechaHora, FECHA, HORA)
```

```
Deposito$FechaHora<-dmy_hms(Deposito$FechaHora)
```