Country essai 3

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# Importation des packages ####  
library(tidyverse)

## ── Attaching packages ─────────────────────────────────────── tidyverse 1.3.1 ──

## ✔ ggplot2 3.3.6 ✔ purrr 0.3.4  
## ✔ tibble 3.1.6 ✔ dplyr 1.0.9  
## ✔ tidyr 1.2.0 ✔ stringr 1.4.0  
## ✔ readr 2.1.2 ✔ forcats 0.5.1

## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()

library(readxl)  
install.packages("ggplot2")

## Warning: le package 'ggplot2' est en cours d'utilisation et ne sera pas installé

library(ggplot2)  
  
# Importation de données ####  
  
Country <- read\_excel("Country.xlsx")  
Country <- data.frame(Country, 3)  
View(Country)  
names(Country)

## [1] "Country" "Annee" "Population" "X3"

# Sélection dans une table ####  
  
Country$Population

## [1] 10045622 10199787 10311970 10392226 57374179 58623428 59925035 61083916  
## [9] 80597764 82011073 82350671 82400996

Country$Annee

## [1] 1992 1997 2002 2007 1992 1997 2002 2007 1992 1997 2002 2007

Country$Country

## [1] "Belgium" "Belgium" "Belgium" "Belgium" "France" "France" "France"   
## [8] "France" "Germany" "Germany" "Germany" "Germany"

Country [-(1:3), ] #sélection des infos du tableau de la ligne 1 #à la ligne 9

## Country Annee Population X3  
## 4 Belgium 2007 10392226 3  
## 5 France 1992 57374179 3  
## 6 France 1997 58623428 3  
## 7 France 2002 59925035 3  
## 8 France 2007 61083916 3  
## 9 Germany 1992 80597764 3  
## 10 Germany 1997 82011073 3  
## 11 Germany 2002 82350671 3  
## 12 Germany 2007 82400996 3

head(Country, 3)

## Country Annee Population X3  
## 1 Belgium 1992 10045622 3  
## 2 Belgium 1997 10199787 3  
## 3 Belgium 2002 10311970 3

head(Country, 12)

## Country Annee Population X3  
## 1 Belgium 1992 10045622 3  
## 2 Belgium 1997 10199787 3  
## 3 Belgium 2002 10311970 3  
## 4 Belgium 2007 10392226 3  
## 5 France 1992 57374179 3  
## 6 France 1997 58623428 3  
## 7 France 2002 59925035 3  
## 8 France 2007 61083916 3  
## 9 Germany 1992 80597764 3  
## 10 Germany 1997 82011073 3  
## 11 Germany 2002 82350671 3  
## 12 Germany 2007 82400996 3

head(Country, 12)

## Country Annee Population X3  
## 1 Belgium 1992 10045622 3  
## 2 Belgium 1997 10199787 3  
## 3 Belgium 2002 10311970 3  
## 4 Belgium 2007 10392226 3  
## 5 France 1992 57374179 3  
## 6 France 1997 58623428 3  
## 7 France 2002 59925035 3  
## 8 France 2007 61083916 3  
## 9 Germany 1992 80597764 3  
## 10 Germany 1997 82011073 3  
## 11 Germany 2002 82350671 3  
## 12 Germany 2007 82400996 3

h0 <- ggplot2::aes(Annee,Population)  
h0

## Aesthetic mapping:   
## \* `x` -> `Annee`  
## \* `y` -> `Population`

```