

Union Document Notebook

Union of documents

Loading libraries

```
# lib = where to save the library (zonder = default)

package_list <- c("data.table", "tidyverse", "naniar", "stringr", "readr", "dplyr", "magrittr", "readxl")

for (pkg in package_list) {
  if (pkg %in% rownames(.packages()) == FALSE)
    {library(pkg, character.only = TRUE)}
}
```

Data loading

```
barometer_DGZ <- read.csv("../Data/CleanedData/barometer_DGZ.csv")
barometer_ARSIA <- read.csv("../Data/CleanedData/barometer_ARSIA.csv")
barometer_GD <- read.csv("../Data/CleanedData/barometer_GD.csv")
barometer_Ireland <- read.csv("../Data/CleanedData/barometer_Ireland.csv")
barometer_PathoSense <- read.csv("../Data/CleanedData/barometer_PathoSense.csv")
```

Combine data to one format and add column with month and year for Tableau

```
barometer_combined <- rbind(barometer_DGZ, barometer_ARSIA, barometer_GD, barometer_Ireland, barometer_PathoSense)

barometer_Tableau <- barometer_combined %>%
  dplyr::mutate(
    Month = month(as.Date(Floored_date)),
    Year = year(as.Date(Floored_date))
  )
```

Save file (with current date)

```
#Generate current date, give basic filename/path, combine, and save

current_date <- format(Sys.Date(), "%Y-%m-%d")

base_filename <- "barometer_combined"

folder_path <- "../Data/CleanedData/"

new_filename <- paste0(folder_path, base_filename, "_", current_date, ".csv")
```

```
write.csv(barometer_Tableau, file = new_filename, row.names = TRUE)
```