

export_data

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```
library(tidyverse)
```

```
## Warning in system("timedatectl", intern = TRUE): running command 'timedatectl'
## had status 1
```

```
## -- Attaching packages ----- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5    v purrr  0.3.4
## v tibble  3.1.6    v dplyr  1.0.8
## v tidyr   1.2.0    v stringr 1.4.0
## v readr   2.1.2    v forcats 0.5.1
```

```
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
```

```
library(readr)
library(janitor)
```

```
##
## Attaching package: 'janitor'
```

```
## The following objects are masked from 'package:stats':
##
##   chisq.test, fisher.test
```

Importing data from git repositories

```
file_path1<-"https://raw.githubusercontent.com/PHW290/phw251_projectdata/main/euro_mpx_cases.csv"
monkey_pox <-read_csv(file_path1)%>% clean_names()
```

```
## Rows: 2987 Columns: 5
## -- Column specification -----
## Delimiter: ","
## chr  (3): CountryExp, CountryCode, Source
## dbl  (1): ConfCases
## date (1): DateRep
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```

file_path2 <- "https://raw.githubusercontent.com/PHW290/phw251_projectdata/main/euro_pop_denominators.csv"
pop_denominator<- read.csv(file_path2)%>% clean_names()

file_path3 <- "https://raw.githubusercontent.com/PHW290/phw251_projectdata/main/euro_census_stats.csv"
census_stats <- read.csv(file_path3)%>% clean_names()

file_path4<- "https://raw.githubusercontent.com/PHW290/phw251_projectdata/main/world_country_regions.csv"
world_country_region <- read.csv(file_path4)%>% clean_names()

```

```

#aggregating the monkey pox data set to the desired time period (week or month)
monkey_pox

```

```

## # A tibble: 2,987 x 5
##   date_rep    country_exp country_code source conf_cases
##   <date>      <chr>      <chr>      <chr>      <dbl>
## 1 2022-05-09 Austria      AT          TESSy        0
## 2 2022-05-09 Belgium      BE          TESSy        0
## 3 2022-05-09 Bulgaria     BG          TESSy        0
## 4 2022-05-09 Croatia      HR          TESSy        0
## 5 2022-05-09 Cyprus       CY          TESSy        0
## 6 2022-05-09 Czechia      CZ          TESSy        0
## 7 2022-05-09 Denmark      DK          EI           0
## 8 2022-05-09 Estonia      EE          EI           0
## 9 2022-05-09 Finland      FI          EI           0
## 10 2022-05-09 France       FR          EI           0
## # ... with 2,977 more rows

```