

# functions.r

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```
library(dplyr)

##
## Attache Paket: 'dplyr'

## Die folgenden Objekte sind maskiert von 'package:stats':
##
##     filter, lag

## Die folgenden Objekte sind maskiert von 'package:base':
##
##     intersect, setdiff, setequal, union

filter_function <- function(df_x) {

  df_final <- df_x %>%
    select(Country, value, original_period) %>%
      rename(Year = original_period) %>%
      filter(Year <= 2022) %>%
      mutate(Year = as.numeric(Year))

  return(df_final)
}

germany_function <- function(df_x) {

  df_west_germany <- df_x %>%
    filter(Country == "West Germany" & Year < 1991)

  df_germany <- df_x %>%
    filter(Country == "Germany" & Year >= 1991)

  df_germany_together <- df_west_germany %>%
    bind_rows(df_germany) %>%
    mutate(Country = recode(Country, `West Germany` = "Germany"))

  df_final <- df_x %>%
    filter(!(Country %in% c("West Germany", "Germany"))) %>%
    bind_rows(df_germany_together)
```

```
return(df_final)
}
```