

## data\_clean

2023-04-22

```
# Read in the CSV files
data1 <- read.csv("us_interest_rate.csv")
data2 <- read.csv("other_country_investment_v2.csv", header = FALSE)

# Select only the necessary columns from data1 and rename the columns
data1 %>%
  select(TIME, Value) -> data1

# Convert the TIME column to a date format
data1 %>%
  mutate(TIME = paste0(TIME, "-01")) %>% # add "-01" to the end of each date string to represent the first day of the month
  mutate(TIME = as.Date(TIME)) -> data1 # convert the TIME column to a date format

# Rename the columns in data2
colnames(data2) <- c("Country", seq(2007, 2021))

# Remove leading/trailing whitespaces from the Country column in data2
data2 %>%
  mutate(Country = trimws(Country)) -> data2

write.csv(data1, file = "us_interest_rate_cleaned.csv")
write.csv(data2, file = "other_country_investment_cleaned.csv")
```