Case Study 8

Jing Miao

2024-10-24

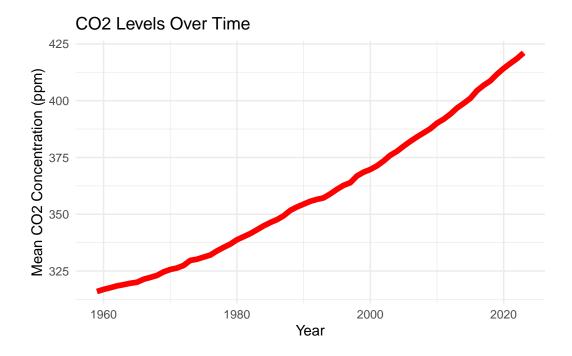
Installation

```
# install and load the necessary packages
# install.packages("kableExtra") # for table
library(ggplot2)
library(knitr)
library(kableExtra)
library(dplyr)
```

Data

```
# Download the data and save it.
annualCO2 <- read.table("ftp://aftp.cmdl.noaa.gov/products/trends/co2/co2_annmean_mlo.txt",
colnames(annualCO2) <- c("year", "mean", "anc")</pre>
```

Plot



Table

```
# print the top five of the table

table <- annualCO2 %>%
    arrange(desc(mean)) %>%
    slice_head(n = 5)

knitr::kable(table) %>%
    kable_styling(position = "center")
```

year	mean	anc
2023	421.08	0.12
2022	418.53	0.12
2021	416.41	0.12
2020	414.21	0.12
2019	411.65	0.12

```
# knitr::kable(table) %>%
# as_image(width = 10,file = "table.png")
```

quarto::quarto_render("E:\\repos\\case-studies-jingmiao7\\week_08\\case_study_08.qmd", out