Case Study 08

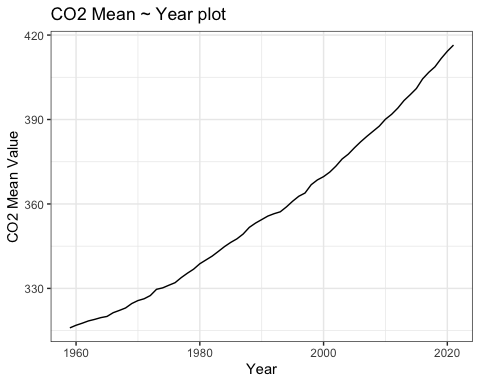
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library(ggplot2)  
suppressPackageStartupMessages(library(tidyverse))  
dataurl="ftp://aftp.cmdl.noaa.gov/products/trends/co2/co2\_annmean\_mlo.txt"  
temp=read\_table(dataurl, skip=57,col\_names = c('year','mean','unc'))

##   
## ── Column specification ────────────────────────────────────────────────────────────────────────────  
## cols(  
## year = col\_double(),  
## mean = col\_double(),  
## unc = col\_double()  
## )

ggplot(temp,aes(year,mean))+  
 geom\_line()+  
 theme\_bw()+  
 xlab('Year')+  
 ylab('CO2 Mean Value')+  
 ggtitle('CO2 Mean ~ Year plot')



library(dplyr)  
processed=temp%>%arrange(desc(mean))%>%select(year,mean)%>%slice(1:5)  
knitr::kable(processed,'simple')

| year | mean |
| --- | --- |
| 2021 | 416.45 |
| 2020 | 414.24 |
| 2019 | 411.66 |
| 2018 | 408.72 |
| 2017 | 406.76 |

# rmarkdown::render("week\_08/case\_study\_08.Rmd",output\_format = "all")