

STAT 443: Assignment 1

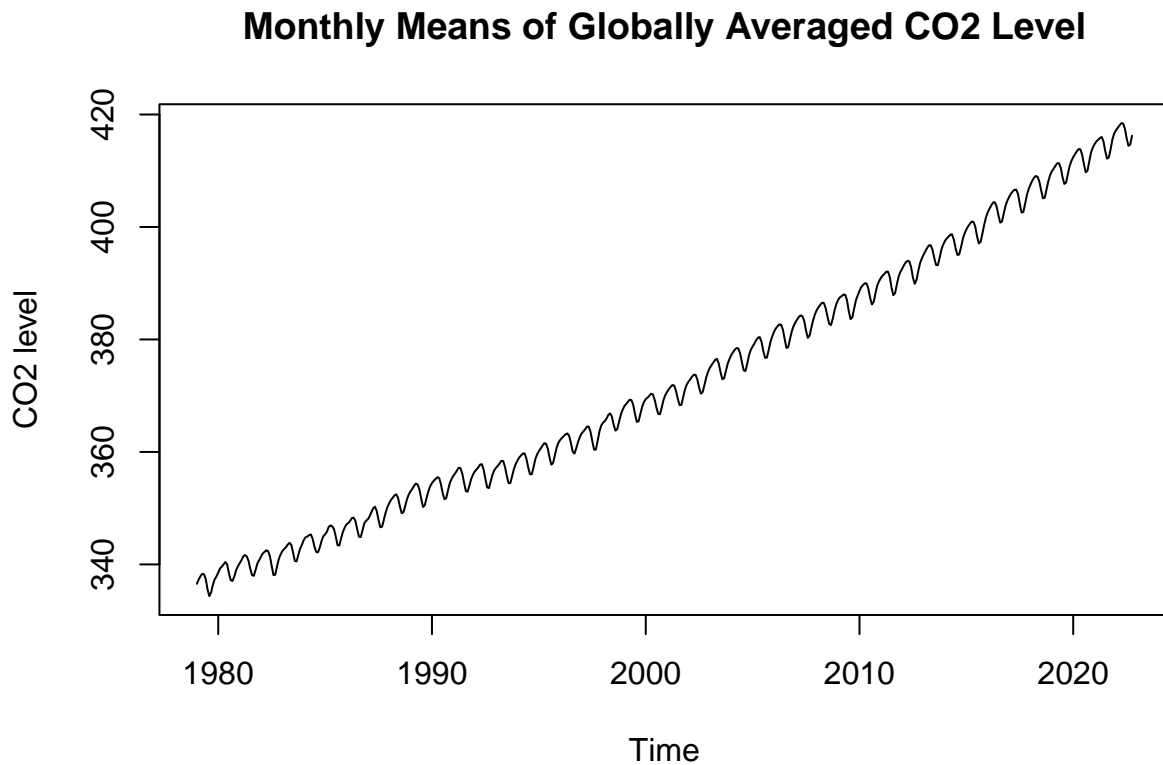
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Question 1

a)

```
co2 <- read.csv("co2_mm_gl.csv", header = TRUE, skip = 55)
co2_ts <- ts(co2[,4], start = c(1979,1), frequency = 12)
plot(co2_ts,
     main = "Monthly Means of Globally Averaged CO2 Level",
     ylab = "CO2 level")
```



- i) The above time series have a clear upward trend such that the monthly means of globally averaged CO2 level is increasing every year despite some variations.
- ii)