**R**

install.packages("quantmod")

install.packages("ggplot2")

library(quantmod)

library(ggplot2)

bitcoin <- getSymbols("BTC-USD", src = "yahoo", from = "2024-01-01", to = "2025-01-01", auto.assign = FALSE)

bitcoin\_data <- data.frame(Date = index(bitcoin), coredata(bitcoin))

head(bitcoin\_data)

bitcoin\_close <- bitcoin\_data$BTC.USD.Close

ggplot(data.frame(Close = bitcoin\_close), aes(x = Close)) +

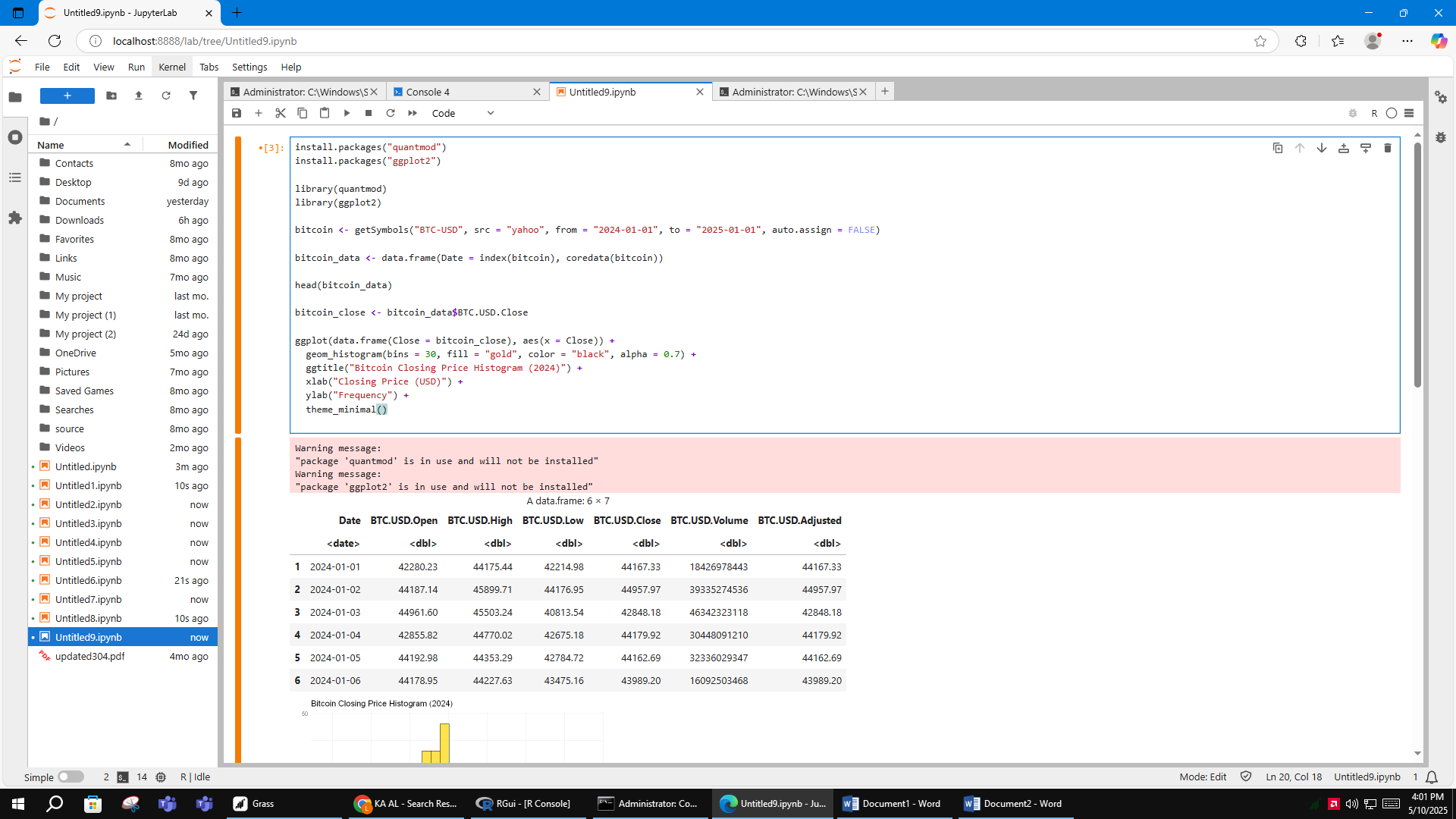
geom\_histogram(bins = 30, fill = "gold", color = "black", alpha = 0.7) +

ggtitle("Bitcoin Closing Price Histogram (2024)") +

xlab("Closing Price (USD)") +

ylab("Frequency") +

theme\_minimal()

.

