setwd("C:/Users/it24103259/Desktop/it24103259")

Delivery\_Times <- read.table("Data.txt", header = TRUE, sep = ",")

shareholder\_hist <- hist(Delivery\_Times$Number\_of\_Shareholders.thousands.,

breaks = seq(130, 270, length.out = 10),

right = FALSE,

main = "Histogram for Number of Shareholders",

xlab = "Number of Shareholders (thousands)")

freq <- shareholder\_hist$counts

breaks <- shareholder\_hist$breaks

# [cite\_start]Next, we calculate the cumulative frequencies. [cite: 67]

cum\_freq <- cumsum(freq)

# [cite\_start]We prepare the data vector for the ogive plot. [cite: 68, 69, 70]

ogive\_data <- c(0, cum\_freq)

dev.off()

plot(breaks, ogive\_data,

type = "b", # "b" plots both points and lines

main = "Cumulative Frequency Polygon for Shareholders",

xlab = "Number of Shareholders (thousands)",

ylab = "Cumulative Frequency",

ylim = c(0, max(cum\_freq)))