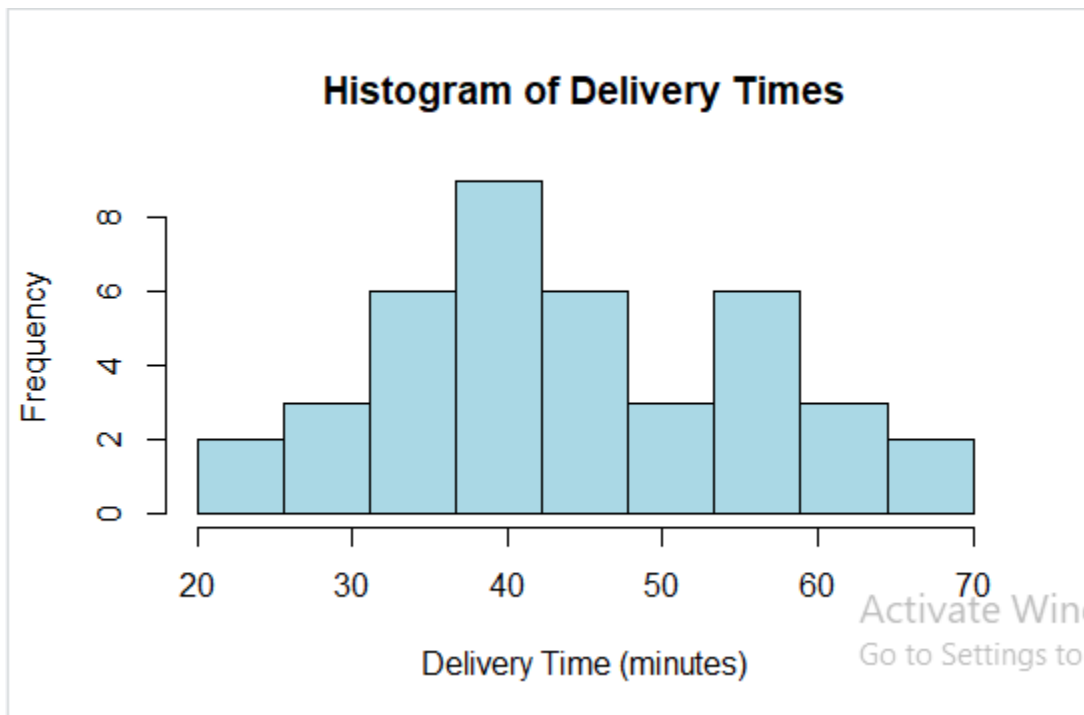


01.

```
Console Terminal Background Jobs
R 4.2.2 · C:/Users/it24101566/Desktop/IT24101566/
> setwd("C:\\Users\\it24101566\\Desktop\\IT24101566")
> getwd()
[1] "C:/Users/it24101566/Desktop/IT24101566"
> Delivery_Times <- read.table("Exercise - Lab 05.txt", header = TRUE)
```

02.

```
> breaks <- seq(20, 70, length.out = 10)
> hist(Delivery_Times$Delivery_Time_.minutes.,
+      breaks = breaks,
+      right = FALSE,
+      col = "lightblue",
+      main = "Histogram of Delivery Times",
+      xlab = "Delivery Time (minutes)",
+      ylab = "Frequency",
+      border = "black")
.
```



03.

- Values spread between 20 and 67.
- More concentration around 35–55 minutes.

- The histogram will show a unimodal distribution, slightly right-skewed (longer tail toward higher times).

04.

```
> freq <- hist(Delivery_Times$Delivery_Time_.minutes.,
+             breaks = breaks,
+             right = FALSE,
+             plot = FALSE)
> cum_freq <- cumsum(freq$counts)
> #plot ogive
> plot(breaks[-1], cum_freq, type = "o", pch = 16,
+      main = "Cumulative Frequency Polygon (Ogive)",
+      xlab = "Delivery Time (minutes)",
+      ylab = "Cumulative Frequency",
+      col = "darkred")
```

