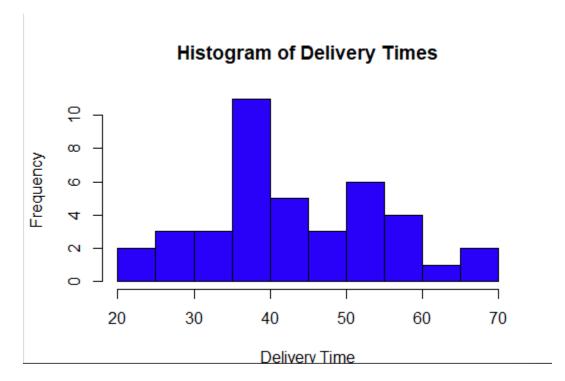
Exercise

1. Import the dataset ('Exercise – Lab 05.txt') into R and store it in a data frame called "Delivery Times".

```
> setwd("C:\\Users\\it24201016\\Desktop\\IT24201016_Lab_5")
> getwd()
[1] "C:/Users/it24201016/Desktop/IT24201016_Lab_5"
```

2. Draw a histogram for deliver times using nine class intervals where the lower limit is 20 and upper limit is 70. Use right open intervals.

```
> Delivery_Times <- read.table("Exercise - Lab 05.txt", header = TRUE)
>
> Delivery_Times$Delivery_Time_.minutes. <- as.numeric(Delivery_Times$Delivery_Time_.minutes.)
> hist(Delivery_Times$Delivery_Time_.minutes.,
+ breaks = seq(20, 70, by = 5),
+ right = TRUE,
+ col = "blue",
+ main = "Histogram of Delivery Times",
+ xlab = "Delivery Time",
+ ylab = "Frequency")
```



- 3. Comment on the shape of the distribution.
- The distribution of delivery times appears to be unimodal with a peak around 40 minutes, indicating that most deliveries occur near this time.
- 4. Draw a cumulative frequency polygon (ogive) for the data in a separate plot.

