Labshee, main=""t 05 PS

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Figure 1

Figure 1

```
> bin_midpoints <- seq(22.5, 67.5, by=5) # midpoints of intervals 20-25, 25-30, etc.
> # Plot the cumulative frequency polygon (ogive)
> plot(bin_midpoints, cum_freq, type="o",
+ col="blue", xlab="Delivery Time", ylab="Cumulative Frequency",
+ main="Cumulative Frequency Polygon (ogive)")
> hist(Delivery_Times$Delivery,
+ breaks=9,
+ xlim=c(20, 70),
+ main="Histogram of Delivery Times",
+ xlab="Delivery Time",
+ col="lightblue",
+ right=TRUE)
> Delivery_Times <- read.table("Exercise - Lab 05.txt", header = TRUE)</pre>
```

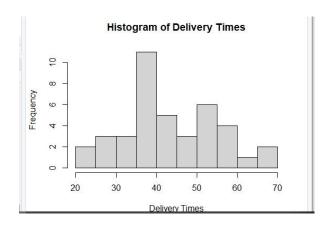


Figure 2

```
+ right=TRUE)
> Delivery_Times <- read.table("Exercise - Lab 05.txt", header = TRUE)
> # Histogram
> hist(Delivery_Times$Delivery,
+ breaks=9,
+ xlim=c(20, 70),
+ main="Histogram of Delivery Times",
+ xlab="Delivery Time",
+ col="lightblue",
+ right=TRUE)
> # The histogram suggests that the delivery times are bimodal,
> # with a peak around 40 minutes and another smaller peak around 50-60 minutes.
> # The distribution is slightly right-skewed, as there are fewer instances of
> # delivery times above 60 minutes.
> |
```

- 3. The histogram in Figure 2 shows the distribution of delivery times.
 - The shape appears to be slightly right-skewed (positively skewed).
 - Most of the frequencies are concentrated around the 40-50 range.
 - There are fewer observations in the higher delivery times (60–70),
 which creates a tail extending to the right.

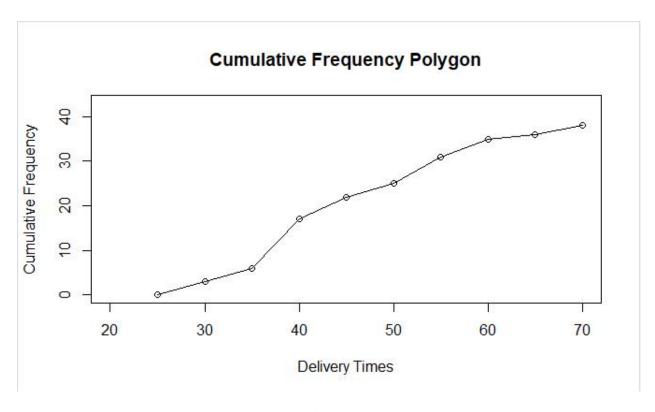


Figure 3