LAB SHEET 05

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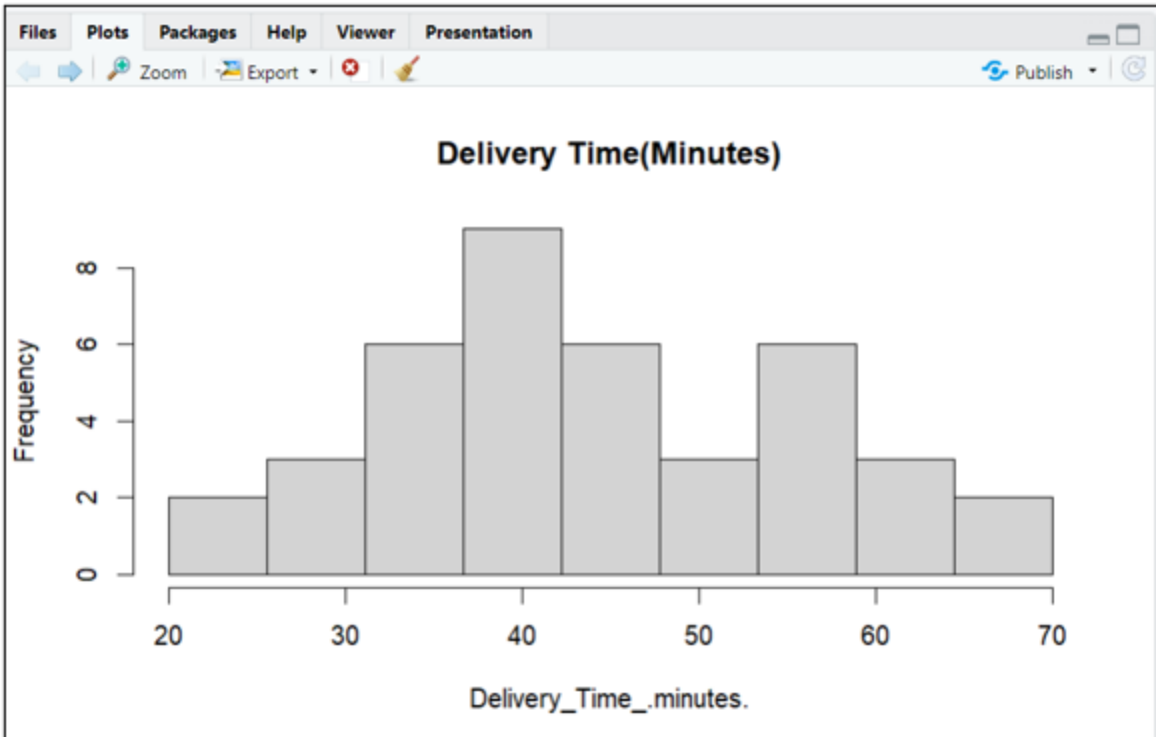
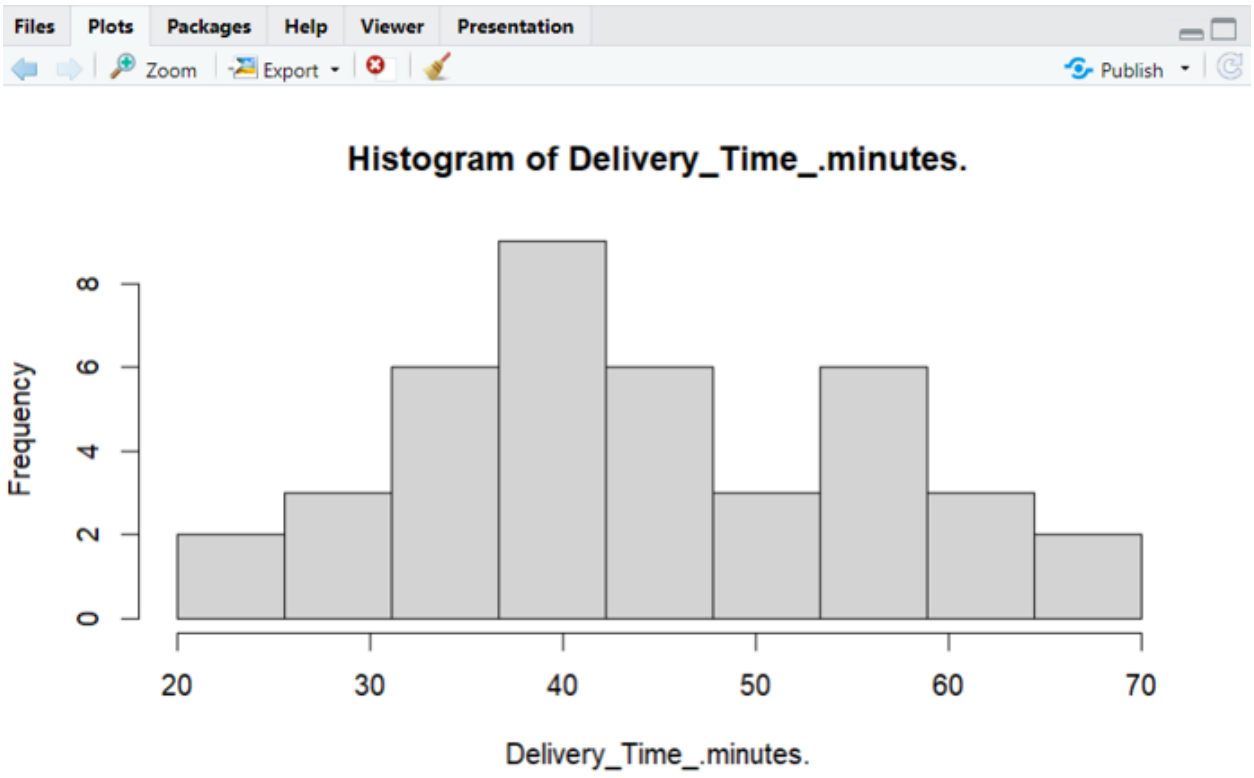
```
setwd("C:\\Users\\Dell\\OneDrive\\Desktop\\Labo5")
getwd()

#01
Delivery_Times<-read.table("Exercise - Lab 05.txt",header=TRUE)
head(Delivery_Times)
attach(Delivery_Times)

#02
breaks<-seq(20,70,by=(70-20)/9)
hist(Delivery_Time_.minutes.,main = "Delivery Time(Minutes)",breaks=breaks,right=TRUE)

#03
#The curve shows a bimodal distribution and appears approximately symmetrical. The data spans between 20 to 70 minutes.

#04
freq_table<-hist(Delivery_Time_.minutes.,breaks=breaks,)
cum_freq<-cumsum(freq_table$counts)

plot(freq_table$mids,cum_freq,type="o",main="cumulative Frequency Polygon",xlab="Delivery Time", ylab="Cumulative Frequency")
```

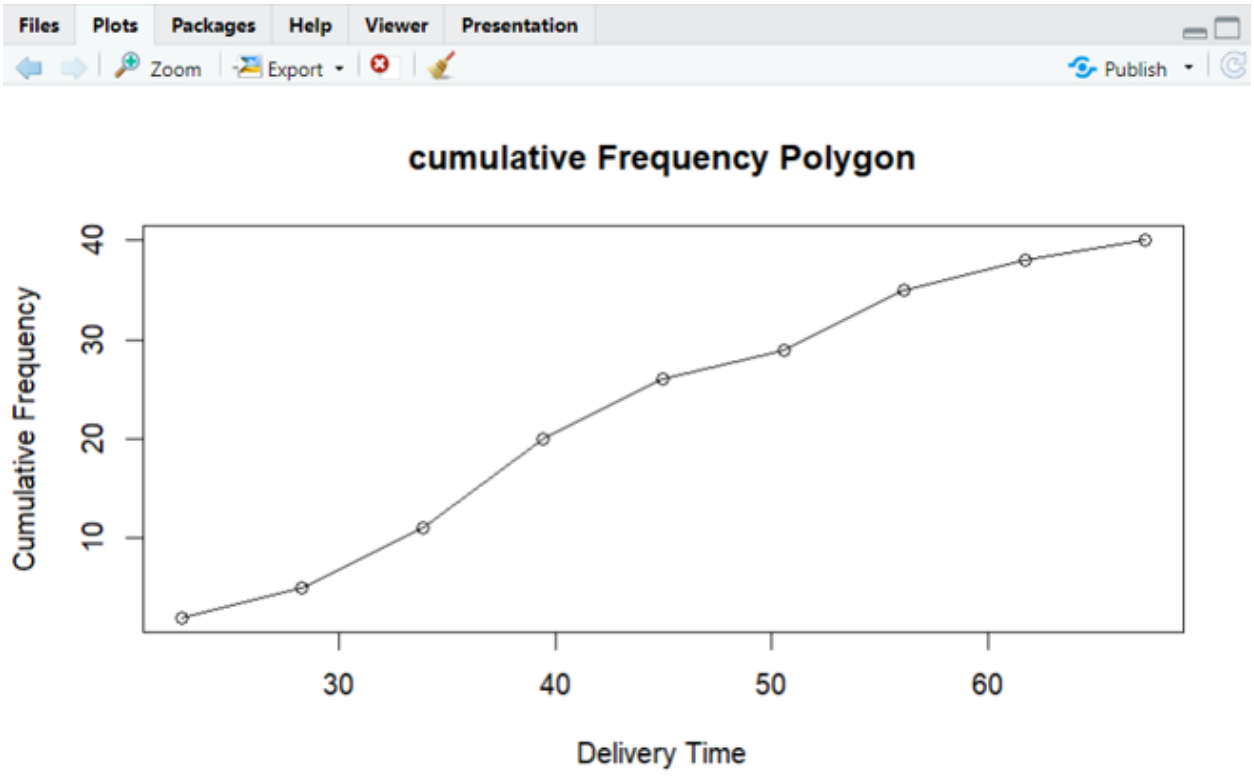
```
> #01
> Delivery_Times<-read.table("Exercise - Lab 05.txt",header=TRUE)
> head(Delivery_Times)
  Delivery_Time_.minutes.
1                      34
2                      54
3                      47
4                      29
5                      39
6                      61
> attach(Delivery_Times)
The following object is masked from Delivery_Times (pos = 3):

    Delivery_Time_.minutes.

The following object is masked from Delivery_Times (pos = 4):

    Delivery_Time_.minutes.

> #02
> breaks<-seq(20,70,by=(70-20)/9)
> hist(Delivery_Time_.minutes.,main = "Delivery Time(Minutes)",breaks=breaks,right=TRUE)
> #04
> freq_table<-hist(Delivery_Time_.minutes.,breaks=breaks,)
> cum_freq<-cumsum(freq_table$counts)
> plot(freq_table$mids,cum_freq,type="o",main="cumulative Frequency Polygon",xlab="Delivery Time", ylab="Cumulative Frequency")
```



Question 03

- The curve shows a bimodal distribution and appears approximately symmetrical. The data spans between 20 to 70 minutes.


Files
Plots
Packages
Help
Viewer
Presentation
Zoom
Export
Publish
Histogram of Delivery_Time_.minutes.
Frequency
0
2
4
6
8
20
30
40
50
60
70
Delivery_Time_.minutes.


Files
Plots
Packages
Help
Viewer
Presentation
Zoom
Export
Publish
cumulative Frequency Polygon
Cumulative Frequency
10
20
30
40
30
40
50
60
Delivery Time