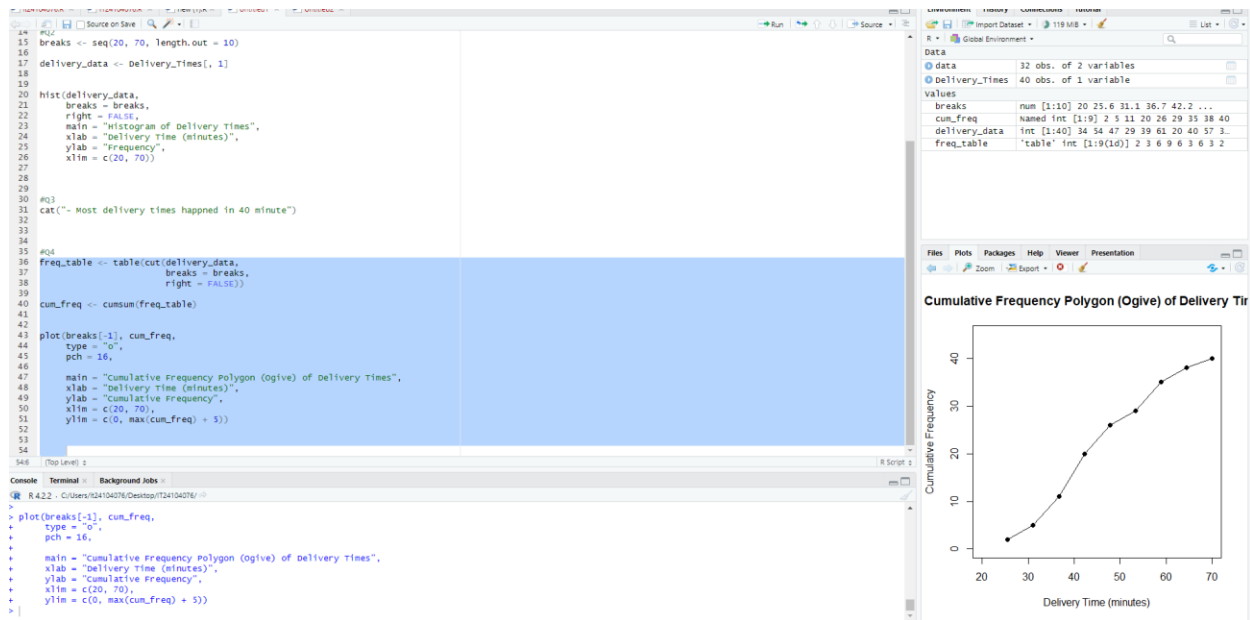


Lab Sheet 05

Exercise 2

IT24104076



RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Source on Save Go to file/function Addins

IT24104076.R* IT24104076.R* new (1).R* Untitled1* Untitled2*

```
1 setwd("C:\\Users\\it24104076\\Desktop\\IT24104076")
2 getwd()
3
4 data <- read.table("Data.txt", header = TRUE, sep = ",")
5 fix(data)
6
7 #Q1
8 Delivery_Times <- read.table('Exercise - Lab 05.txt', header = TRUE, sep = ",")
9
10 str(Delivery_Times)
11 head(Delivery_Times)
12
13
14 #Q2
15 breaks <- seq(20, 70, length.out = 10)
16
17 delivery_data <- Delivery_Times[, 1]
18
19
20 hist(delivery_data,
21       breaks = breaks,
22       right = FALSE,
23       main = "Histogram of Delivery Times",
24       xlab = "Delivery Time (minutes)",
25       ylab = "Frequency",
26       xlim = c(20, 70))
27
28
29
30 #Q3
31 cat("- Most delivery times happned in 40 minute")
32
33
34
35 #Q4
36 freq_table <- table(cut(delivery_data,
37                          breaks = breaks,
38                          right = FALSE))
39
40 cum_freq <- cumsum(freq_table)
41
42 8:1 (Top Level) ↕
```

Console Terminal Background Jobs

R 4.2.2 · C:/Users/it24104076/Desktop/IT24104076/ ↕

'data.frame': 40 obs. of 1 variable:
\$ Delivery_Time_.minutes.: int 34 54 47 29 39 61 20 40 57 36 ...

```
> head(Delivery_Times)
Delivery_Time_.minutes.
1          34
2          54
3          47
4          29
5          39
6          61
> |
```

