

# Sri Lanka Institute of Information Technology



## Lab Submission Lab sheet No 02

IT24102801

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Probability and Statics

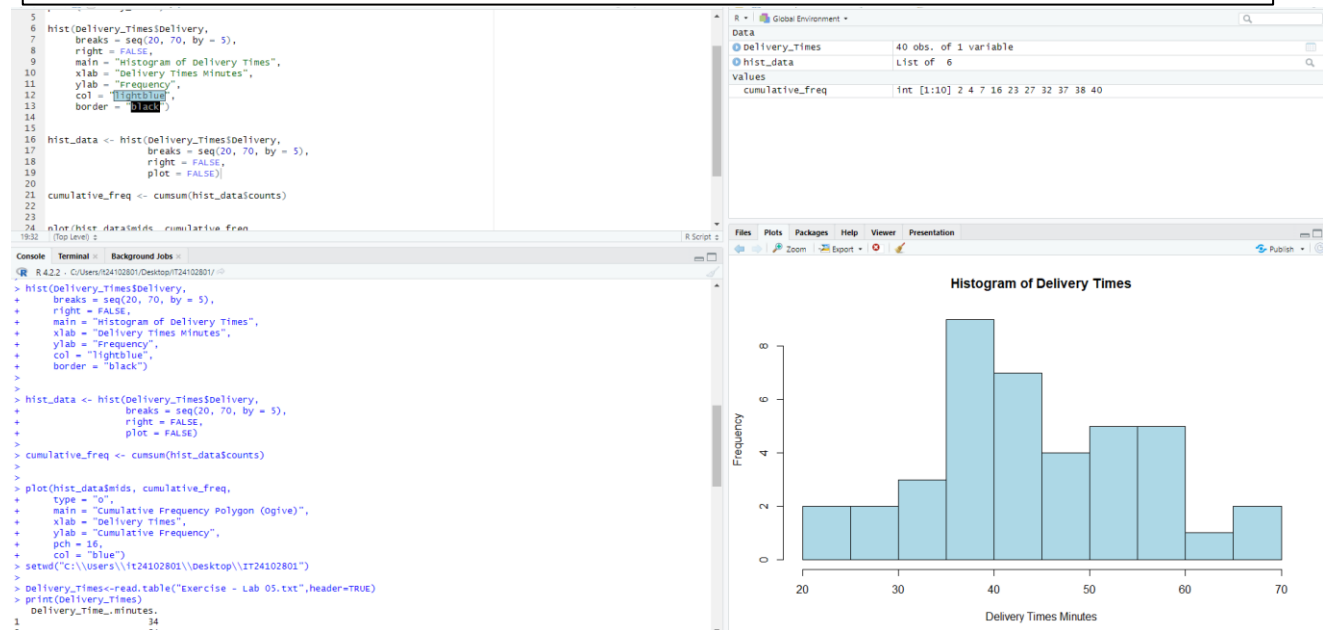
IT2120

B.Sc. (Hons) in Information Technology

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

```
> setwd("C:\\Users\\it24102801\\Desktop\\IT24102801")
>
> Delivery_Times<-read.table("Exercise - Lab 05.txt",header=TRUE)
> print(Delivery_Times)
  Delivery_Time_.minutes.
1                      34
2                      54
3                      47
4                      29
5                      39
6                      61
7                      20
8                      40
9                      57
10                     36
11                     38
12                     44
13                     59
14                     38
15                     40
16                     40
17                     67
18                     66
19                     55
20                     48
21                     52
22                     59
23                     35
24                     56
25                     32
26                     38
27                     54
28                     30
29                     43
30                     36
31                     42
32                     20
33                     27
34                     38
35                     54
36                     43
37                     45
38                     51
39                     36
40                     47
>
```

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.



The distribution is roughly symmetric and bell-shaped, with most delivery times between 40–55 minutes and no extreme outliers.

