

Faculty of Computing

Year 2 Semester 1 (2025)

IT2120 - Probability and Statistics

Lab Sheet 05

```
> setwd("C:\\Users\\USER\\OneDrive - Sri Lanka Institute of Information Technology\\Desktop\\New folder\\IT241
02760")

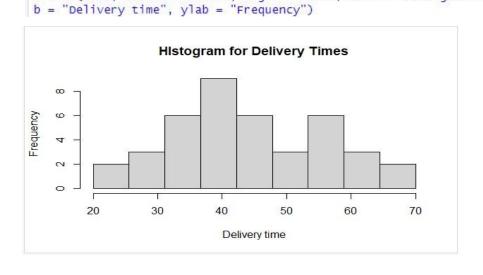
1)
> Delivery_Times <- read.table("Exercise - Lab 05.txt", header = TRUE)

> names(Delivery_Times) <- c("Time")

> attach(Delivery_Times)

2)
|> breaks <- seq(20,70, length.out = 10)

|> hist(Time, breaks = breaks, right = FALSE, main = "HIstogram for Delivery Times", xla
```



4) The histogram appears to be right-skewed, with more delivery times concentrated in the lower range (20–35) and a gradual decrease in frequency as the delivery times increase.

There may also be a slight bimodal distribution with a secondary peak around the 40-45 mark.

5)

