## Sri Lanka Institute of Information Technology



Lab Submission Lab sheet 05

IT24101037

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**Probability and Statistics | IT2120** 

B.Sc. (Hons) in Information Technology

## **Exercise**

```
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setwd("C:\\Users\\it24101037\\Desktop\\IT24101037")
getwd()
#Q1
Delivery_Times<-read.table("Exercise - Lab 05.txt", header=TRUE)
fix(Delivery_Times)
attach(Delivery_Times)
#Q2
hist(Delivery_Times$Delivery_Time_.minutes., breaks = seq(20, 70, by=5),
     right=TRUE,
     col='green',
     main="Histogram of delivary time",
xlab="Delivary Time",
     ylab="Frequency")
#3
#the histogram shows a roughly bell-shaped distribution, with a peak
#around 30-50 minutes. The distribution has fewer deliveries below 30 minutes
#and above 60 minutes.
cf <- cumsum(table(cut(Delivery_Times$Delivery_Time_.minutes., breaks = seq(20, 70, by = 5), right = TRUE)))</pre>
```

## Histogram of delivary time



