Sri Lanka Institute of Information

Technology



Lab Submission

Lab Sheet 05

**IT24103921**

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**Probability and Statistics | IT2120**

B.Sc. (Hons) in Information Technology

**Exercise :**

1. Import the dataset (’Exercise – Lab 05.txt’) into R and store it in a data frame called ”Delivery Times”.

A screenshot of a computer

Description automatically generated

A screenshot of a logbook

Description automatically generated

1. 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.

A graph of a number of gray rectangular objects

Description automatically generated with medium confidence

1. Comment on the shape of the distribution.



1. Draw a cumulative frequency polygon (ogive) for the data in a separate plot.

A computer screen shot of a computer code

Description automatically generated

A screenshot of a computer

Description automatically generated

A graph with a line

Description automatically generated