Sri Lanka Institute of Information Technology

Lab Submission

Lab 05

**IT24100024**

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**Probability and Statistics - 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”.

A screenshot of a log book

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 computer screen shot of a number

Description automatically generated

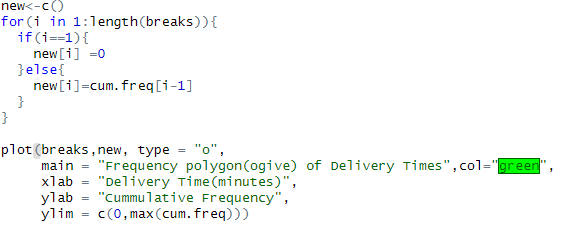
A graph of a person with a bar graph

Description automatically generated with medium confidence

1. Comment on the shape of the distribution.

The shape of the histogram is approximately symmetric and bell-shaped.

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



A graph with green line

Description automatically generated