Sri Lanka Institute of Information

Technology



Lab Submission

Lab No 05

**IT24103371**

**Fernando A.O.P.**

**Probability and Statistics | IT2120**

B.Sc. (Hons) in Information Technology

Exercise

1.





A screenshot of a computer

Description automatically generated

2.

A white background with blue text

Description automatically generated

A close-up of a white background

Description automatically generated

A graph of a number of gray bars

Description automatically generated with medium confidence

3.

The histogram of delivery times shows a roughly symmetrical distribution (High on the right side), indicating that delivery times are normally distributed around a central value. Most deliveries have happened within the 20–30 minute range, which forms the peak of the histogram. This histogram's shape indicates a consistent delivery process.

4.

A computer screen shot of a code

Description automatically generated

A graph on a computer screen

Description automatically generated