**Ganegoda PMHP**

**IT24102715**

**Probability and Statistics**

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 code

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 bars

Description automatically generated with medium confidence

1. Comment on the shape of the distribution.

* The bars are fairly balanced on both sides of the center (around 40 minutes) hence it is symmetric

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

A computer screen shot of a program

AI-generated content may be incorrect.

A graph with a red line

AI-generated content may be incorrect.