Sri Lanka Institute of Information

Technology



Lab Submission

Lab sheet No.5

**IT23329560**

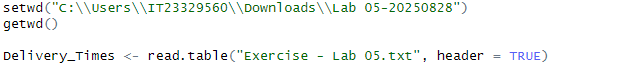
**Palihaderuarachchi W S**

**Probability & Statistics | IT2120**

B.Sc. (Hons) in Information Technology

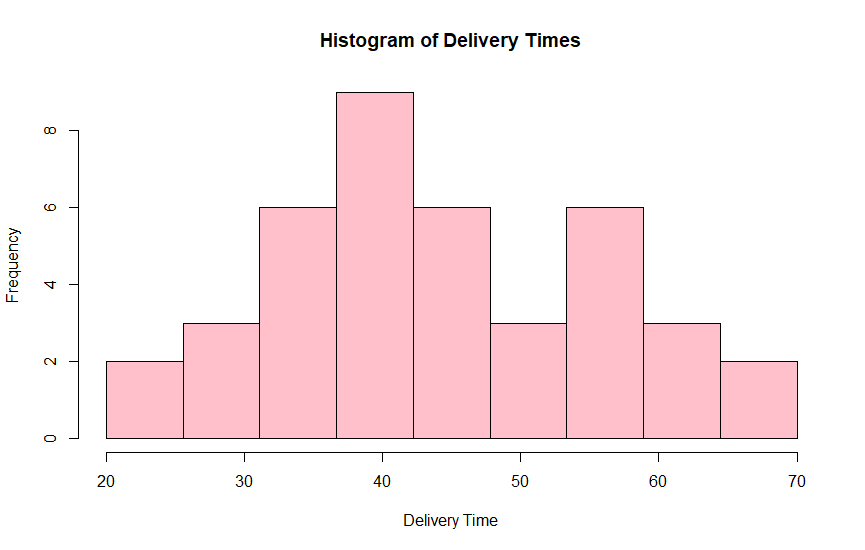
**Exercise**

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





2. 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 white background with black text

Description automatically generated

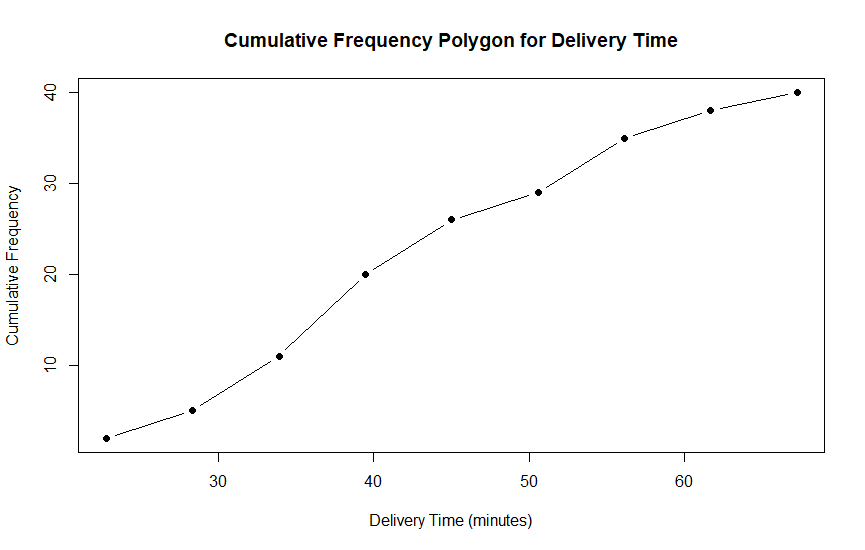
3. Comment on the shape of the distribution.

--- The distribution is right-skewed (positively skewed)

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

A computer screen shot of a computer code

Description automatically generated with medium confidence



A screenshot of a computer

Description automatically generated