**Exercise**

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

A white background with black text

Description automatically generated

A computer code with black text

Description automatically generated with medium confidence

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 bar graph

Description automatically generated with medium confidence

1. Comment on the shape of the distribution.

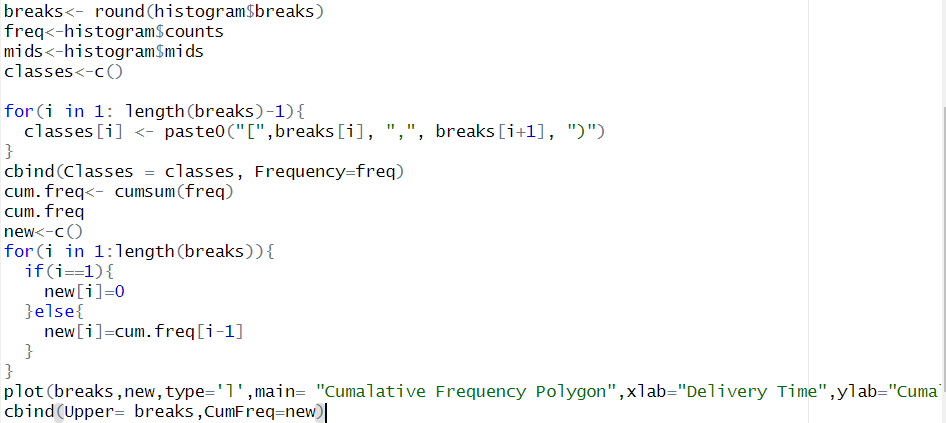
Modality: The histogram has a single peak (around 40 minutes), which indicates that the distribution is unimodal.

Symmetry: The distribution looks fairly symmetric around the peak at 40 minutes, as the left and right tails seem to be of roughly equal length.

Skewness: There is no clear skew in the data. It appears relatively balanced, with no long tail on the left or right, meaning the data is approximately normal.

Spread: The data spans from about 20 minutes to 70 minutes, but most values seem to be concentrated between 30 and 50 minutes, showing a moderate range with the highest frequency around 40 minutes.

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



A screenshot of a computer code

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A close-up of a computer screen

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A screenshot of a computer

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A graph on a computer screen

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