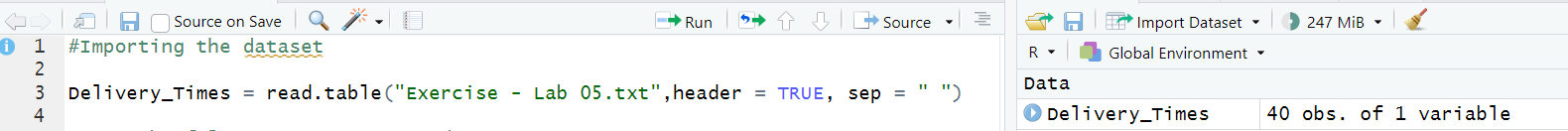
IT24104292

Vijaya K.I.K

IT2120- Probability and Statistics

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 graph of a number of different sizes

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3. Comment on the shape of the distribution.

The distribution of delivery times is right-skewed with the highest frequency around 35-time units and a gradual decline toward longer delivery times, showing that most deliveries are completed relatively quickly with fewer taking extended time.

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

A graph on a screen

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