Sri Lanka Institute of Information Technology



Lab Submission

Lab sheet No. 05

**IT24102281**

**Yathurshan S**

**Probability and Statistics**

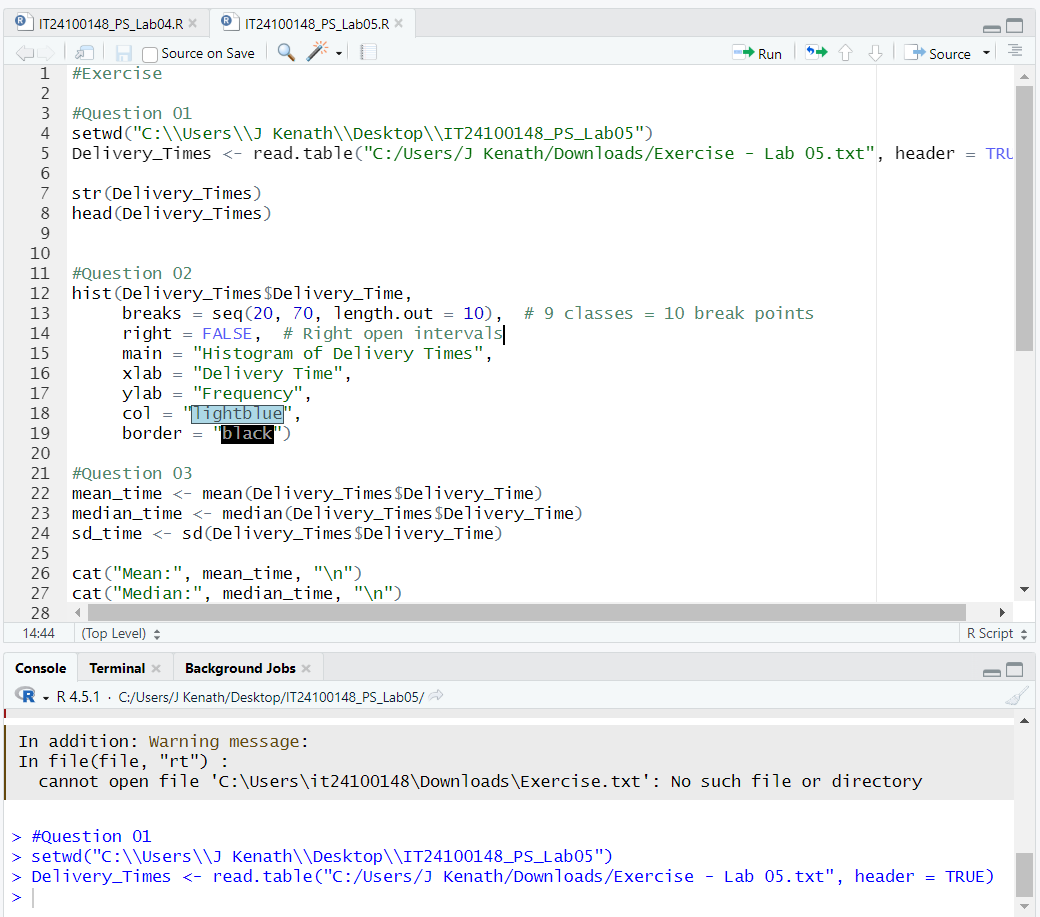
**IT2120**

B.Sc. (Hons) in Information Technology

**Exercise**

Instructions: Create a folder in your desktop with your registration number (Eg: ”IT.......”). You need to save the R script file and take screenshots of the command prompt with answers and save it in a word document inside the folder. Save both R script file and word document with your registration number (Eg: ”IT........”). After you f inish the exercise, zip the folder and upload the zip file to the submission link.

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

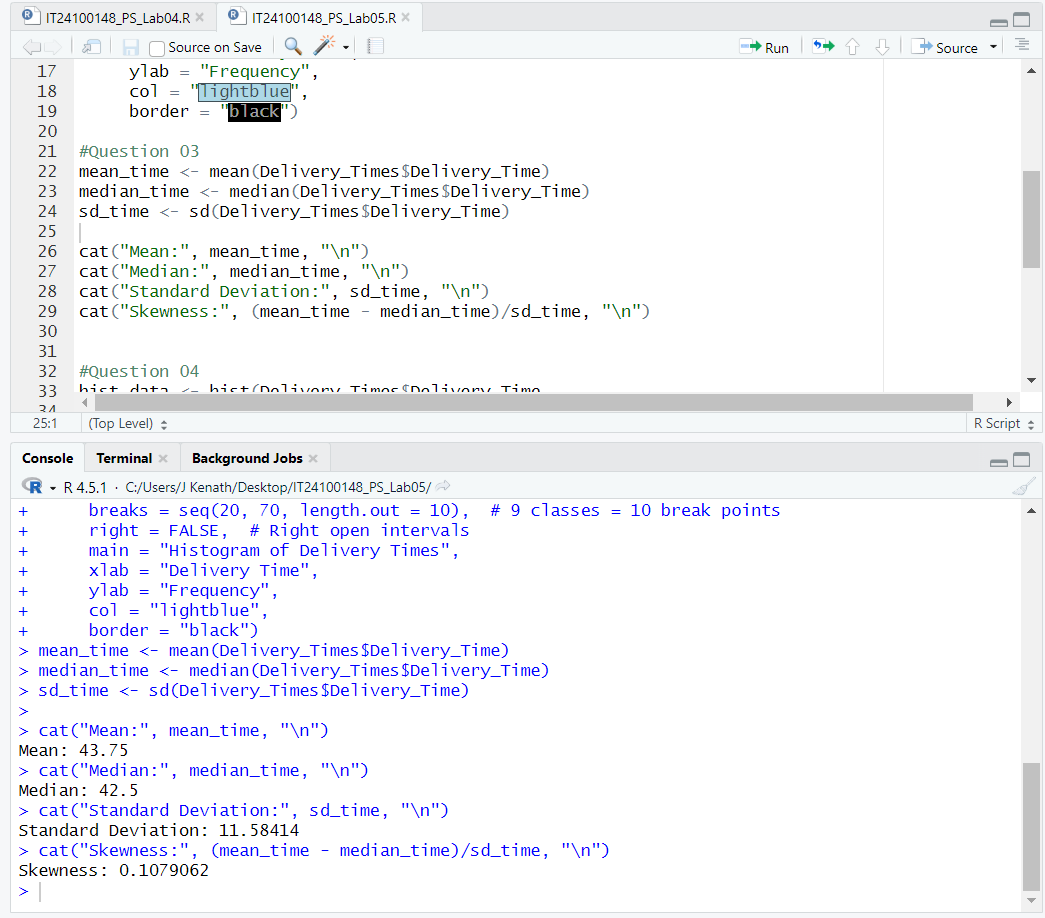


2. Draw a histogram for deliver times using nine class intervals where the lower limit is 20 and upper limit is 70. Use right open intervals.

A screenshot of a computer

AI-generated content may be incorrect.

3. Comment on the shape of the distribution.



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

A screenshot of a computer

AI-generated content may be incorrect.