Sri Lanka Institute of Information

Technology

A blue and orange logo

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Lab Submission

<Lab sheet 04>

**<IT24103569>**

**<Wanigasekara W.M.S.N.M>**

**Probability and Statistics | IT2120**

B.Sc. (Hons) in Information Technology.

1. Import the dataset (’Exercise.txt’) into R and store it in a data frame called ”branch data”.

A close up of a computer screen

Description automatically generated

2. Identify the variable type and scale of measurement for each variable.

A number of numbers on a white background

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3. Obtain boxplot for sales and interpret the shape of the sales distribution.

A screenshot of a computer

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4. Calculate the five number summary and IQR for advertising variable.

A close-up of a computer code

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5. Write an R function to find the outliers in a numeric vector and check for outliers in years variables.

A computer code with blue text

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