Sri Lanka Institute of Information

Technology



Lab Submission

Lab Sheet 04

**IT24103921**

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**Probability and Statistics | IT2120**

B.Sc. (Hons) in Information Technology

**Exercise :**

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

A computer screen shot of a computer

Description automatically generated

A grid of red lines

Description automatically generated

* 1. Identify the variable type and scale of measurement for each variable.

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Description automatically generated

* 1. Obtain boxplot for sales and interpret the shape of the sales distribution.

A computer code with black text

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A graph with a box and a line

Description automatically generated with medium confidence

* 1. Calculate the five number summary and IQR for advertising variable.

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Description automatically generated

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

A computer code with many letters and numbers

Description automatically generated with medium confidence

**A black and white text

Description automatically generated**