**IT2120 - Probability and Statistics**

**Lab Sheet 04**

**IT24102784**

**Panagodage N M H**

Exercise

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

A screenshot of a computer

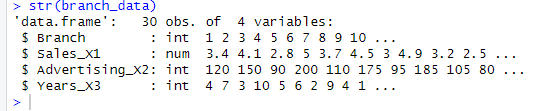
Description automatically generated

A screenshot of a computer

Description automatically generated

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





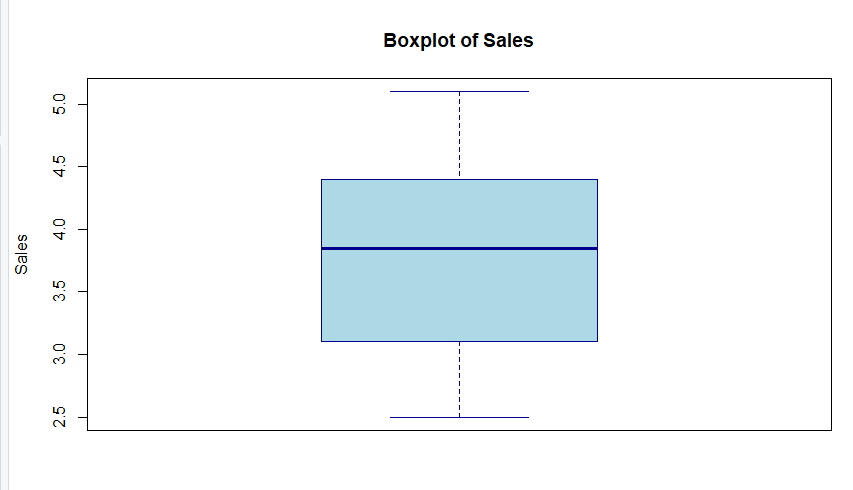
3. Obtain boxplot for sales and interpret the shape of the sales distribution.

A computer screen shot of text

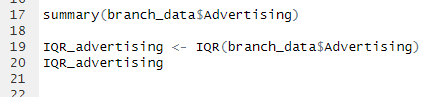
Description automatically generated

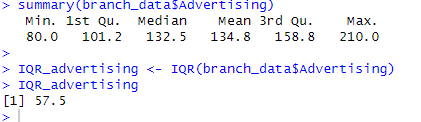
A screenshot of a computer code

Description automatically generated



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





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

