Symphony Hopkins

DSCI 502: R Programming

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Project 3

1. Read the data set in BlackFriday.xlsx into R. Call the loaded data BlackFriday.xlxs. Make sure that you have the directory set to the correct location for the data.
   1. See R script.
2. Find the average of purchase amount using for loop.
   1. The average purchase amount is $9333.86.
   2. Graphical user interface, text, application

      Description automatically generated
3. Find the average of purchase amount using while loop.
   1. The average purchase amount is $9333.86.
   2. Graphical user interface, text, application

      Description automatically generated
4. Find the average of purchase amount using repeat loop.
   1. The average purchase amount is $9333.86.
   2. Graphical user interface, text, application

      Description automatically generated
5. Find the average of purchase amount for female shoppers using for loop.
   1. The average amount for female shoppers is $8809.76.
   2. Graphical user interface, text, application

      Description automatically generated
6. Find the average of purchase amount for female shoppers using while loop.
   1. The average amount for female shoppers is $8809.76.
   2. Text

      Description automatically generated
7. Find the average of purchase amount for female shoppers using repeat loop.
   1. The average amount for female shoppers is $8809.76.
   2. Graphical user interface, text, application

      Description automatically generated
8. Find the differences between the average of purchase amount for female and male shoppers.
   1. The difference between the averages is $695.01.
   2. Text, timeline

      Description automatically generated