**CMSC 462 – Introduction to Data Science**

**Assignment 2**

**Due: 9/22/2024 Total Points - 20**

The assignment consists of two parts

**Part-1**

Please write the R-code to answer all the questions asked in the attached R-file. You also must use the tipping file.

**Part-2**

The dataset myData.csv consists of two variables X and Y. Please find the point estimate of mean for both x and y using a sample size 25 and 100 five times each. Calculate the point estimate along with the range of such estimate for 95% confidence interval and report those ten estimates in a table.

As you have access to the population, please also calculate population mean of both X and Y. Summarize your findings and discuss what you learnt.

What to submit?

You will submit everything through Blackboard:

1. For Part 1 – submit the R file with clear comments.
2. For Part-2, answer the questions in a document.