Homework 02
Sections 2.6 - 2.10

STAT 5700 - Probability

Instructions

- Homework problems come from the 7th edition of the text *Mathematical Statistics with Applications* by Wackerly, Mendenhall, and Scheaffer, as well as (potential) additional problems provided by the instructor.
- You are responsible for understanding the concepts covered in all problems listed in a homework assignment, but only even-numbered problems should be turned in.
- Be NEAT and show work to support your answers. Points will be deducted if your answer is not adequately supported or the work cannot be readily followed.
- You are encouraged to work together on homework assignments, but each person must write up and turn in their own work and solutions.
- You will turn in this assignment by scanning your work and uploading a single pdf to Blackboard.
- Note there is a corresponding R Lab (Lab 02) that will be due at the same time as this assignment (HW 02).

Problems to do (responsible for content, but not collected/graded)

- Section 2.6: 37, 41, 43, 51, 57, 59, 61

- Section 2.7: 71, 75, 79

- Section 2.8: 85, 91

Problems to submit

- Section 2.6: 38, 42, 46, 48, 50, 58, 64, 68a-c

- Section 2.7: 72, 74, 80

- Section 2.8: 86, 90, 94

- Section 2.9: 110