

Homework 4

DS502/MA543

Your answers will be graded both on your **demonstrated understanding** of the concepts **from the book** and **from the class**, as well as the **clarity of your explanations**.

Please bring the written portion of your answers in **hard copy** to class on Tuesday, **November 7**. Please make sure that both team member names appear on the submission and that every submission is **stand-alone (i.e., does not make the grader read or run your code)** In addition, for any problem on which you write code, plus submit your code **by email** to the TAs **before the start of class** on **Tuesday, Nov 7**. You will **not be graded your programming style**, but having access to your code will allow us to more easily give **partial credit**.

1. Section 6.8, page 259, question 2
2. Section 6.8, page 264, question 11 (Note, this question is quite open ended. You should think about questions like this as a small precursor to the final project. Be creative!)
3. Section 7.9, Page 298, question 3
4. Section 7.9, Page 298, question 4
5. Section 7.9, Page 299, question 6
6. Section 8.4, Page 332, question 1
7. Section 8.4, Page 333-334, question 8