Hmk 5 Reflection Stat 495

The Hmk 5 submission was a data analysis write-up that was designed to let you practice techniques from class as well as practice tailoring your writing to an audience. As we transition into projects, it can be useful to reflect on the experience and consider what you've learned from it. Don't think too hard about these questions – put down what comes to your mind first (this is for you).

1. Thinking about your experience with Hmk 5, what was the easiest part of the assignment for you?

2. Thinking about your experience with Hmk 5, what was the most challenging part of the assignment for you?

3. Thinking about your experience with Hmk 5, did you have time for revision, to proofread your draft, edit your language, look for typos, etc.? Was it enough time?

4. Use a 5 point Likert scale to report your satisfaction on the items below, i.e. very dissatisfied, dissatisfied, neutral, satisfied, very satisfied

How satisfied are you with the Hmk 5 submission in terms of how well it demonstrates your ability to:

a. perform EDA

b. complete a data analysis

c. convey results to a specified audience

Consider your replies above, when working on your project proposal/synopsis this week.

Chapter 19 – SVMs Warm-up

Answer the following questions to the best of your ability, working with those around you.

What does SVM stand for?

What does it mean to say classes are linearly separable? Draw an example in 2-D, with quantitative X1 and X2 (Y-axis), and a binary response.

Name at least 3 other methods you've seen that you could apply in a setting to predict a binary response variable.

What is your current understanding of kernels and/or the "kernel trick"?