SDS/MTH 220: Badge Challenge 1

FEB 26 PM 4:25

Name: _____

Section (please circle): Kim 01 or Kinnaird 02

Instructions:

- Honor code:

  a) This is an open mind, closed stats notebook, closed textbook, and closed fellow statistician badge challenge. This badge challenge must be your own work entirely.

  b) The front page must have two timestamps on it. **Timestamps will be strictly enforced. Any badge challengs with pairs of timestamps indicating than more than 140 minutes or missing timestamps are subject to an honor board case.**

- What to do with these pages:

  a) Use the provided blank sheets of paper to write your answers. You may also use these pages for your scratch work.

  b) Please write on _**one side**_ _of the blank pages_ and staple any pages you want graded to the badge challenge. Your _answers should appear in_ **question order**.

  c) Put your name on the top right corner of each page that you submit and do not write where the staple will go.

- Taking this badge challenge:

  a) All questions will be graded under the badge level grading system. On badge challenges, you must show **all** work for computational answers and justify all claims for expository questions.

  b) Remember that you only have to do as many questions as you are ready for. Questions left unattempted will not receive a badge level. If a question has multiple parts, you must attempt all parts to earn above X (cannot be assessed).

  c) You do not have to perform any long computations. For example, if the answer is 18.5, you will receive full credit for writing $2.5 * (4 + 3.5) - (1/2)^2$.

  d) Keep your explanations contextually meaningful and concise!