Homework - Week 1

- **From OpenIntro Statistics:** 1.3, 1.4, 1.6, 1.7, 1.8

- The marketing department of a certain company studied the effects of different colored packaging for the company's most popular product. Half of their online customers received the product in purple packaging and the other half received green packaging. After a year of monitoring the customer reviews on their website, the marketing department reported that, "Customers who got purple packages posted 58.326% fewer negative comments about the product quality. Therefore, purple packaging results in higher customer satisfaction."

  (a) Identify the research question and the population being studied.

  (b) Identify some (at least three) potential pitfalls for this study.

- Create a PDF file using R markdown. The document must contain at least your name and an answer to this question, "What do you hope to get out of this class?" If you wish to include the answers the other homework problems and just submit one document, that is acceptable.

Assignments must be submitted on D2L by the start of the next class. All submitted files should be PDFs.