Project 1: Learning objectives

Course: Probability and Statistics

Level/year: Sophomore year in college

Mode: In person. In a computer lab.

After completing this course/lab, students will be able to:

1. Interpret, formulate, and solve problems involving elementary combinatorics, probability distribution, and inferential statistics

2. Conduct basic descriptive and inferential statistical analysis of data using a software program such as R

3. Identify and demonstrate the use of probability and statistical methods for applications in civil engineering