CAIS 380: Intro Machine Learning

Spring 2024

In-class Activity 02: Multiple Linear Regression

Activity is DUE as indicated on the course schedule.

This is a group activity! Work with 1-2 other people on it.

Goals:

- Perform a MLR
- Assess the results
- Interpret your model

Part 1

Start at chapter 3.6.6 in your textbook. Follow the lab instructions from Multiple Linear Regression until the end of the lab.

All of your work should be recorded in a Markdown or Jupyter file that you collaborate on with your partner(s) [it's probably a good idea to set up a GitHub repo to share code!]. All group members should work together and participate on every section of the lab; do not break it up and each individual work on a section.

It is okay if you do not finish the entire lab. You will be graded on showing an honest effort and working collaboratively with your group.

Submission

At the end of class, submit the PDF report of your work (showing code and output) on Gradescope. Be sure to tag your group members.