

# CAIS 380: Intro Machine Learning

Spring 2024

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## In-class Activity 03: Cross Validation and Bootstrap

*Activity is DUE as indicated on the course schedule.*

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

### Goals:

- Code:
  - Cross validation
  - Bootstrap

### Part 1

Start at chapter 5.3 in your textbook. Work through the entire 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.