## CS 4320: Machine Learning

## Assignments

- Assignment 1: <u>Data Exploration</u>
- Assignment 2: <u>Fit Linear Regression Model</u>
- Assignment 3: <u>Fit Complex Linear Regression Model</u>
- Assignment 4: <u>Regression with a Neural Network</u>
- Assignment 5: <u>Classification with a Decision Tree</u>
- Assignment 6: <u>Hyper Parameter Search</u>
- Assignment 7: <u>Classification with a Support Vector Machine</u>
- Assignment 8: <u>Classification with a Neural Network</u>
- Assignment 9: <u>Neural Network Classification of Images</u>
- Assignment 10: <u>Temporal Difference Q-Learning</u>
- Assignment 11: <u>Temporal Difference Q-Function</u>
- Assignment 12: <u>Project Start</u>
- Assignment 13: Project Continue
- Assignment 14: Project Finish
- Assignment 15: Project Presentation

Class announcements may modify instructions or requirements from those listed above.