

# ECE421: Introduction to Machine Learning — Fall 2024

## Assignment 1: Pocket Algorithm and Linear Regression

Due Date: Thursday, September 26, 11:59 PM

### General Notes

1. Programming assignments can be done in groups of up to 2 students. Students can be in different sections.
2. Only one submission from a group member is required.
3. Group members will receive the same grade.
4. Unless permitted, no late submission is accepted.
5. Please post assignment-related questions on Piazza.

### Turning It In

You need to submit your version of the following files:

- PerceptronImp.py
- LinearRegressionImp.py
- PA1\_qa.pdf that answer questions related to the implementations.
- The cover file (this file) with their name and student ID filled.

Please pack them into a single folder, compress into a .zip file and name it as PA1.zip.

### Group Members

Name (and Name on Quercus)	UTORid
Bora Bayazit	bayazitb
Simon Wang	wangs564