

**ECE421: Introduction to Machine Learning**  
**Programming Assignment 1**  
**Assigned: Jan 17, 2024; Due: Feb 5, 2024 @ 11:59 p.m.**

**General Notes**

1. Programming assignments can be done in groups of up to 2 students.
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.

**Submission Guidelines**

Programming assignments are submitted via Quercus and you can resubmit your assignment as needed up until the submission deadline. After the deadline, further modifications will result in the assignment being marked as late. You need to submit your version of the following files:

1. `PerceptronImp.py`
2. `LinearRegressionImp.py`
3. `PA1_qa.pdf` that answer questions related to the implementations.
4. 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**

Group Members	
Name (and Name on Quercus)	UTORid