Machine Learning (ECE 4850)

Instructor: Dr. Shekaramiz

Project 5
Submission Type: Online, Canvas

Note: We will not have any other class project after this one. We will focus on other interesting machine learning topics without any more assignments. This will allow you to focus more on your final projects.

Problem: Redo **Project 4** and perform classification using support vector machines (SVM) Technique. Compare the results and performance with the algorithms you used in Project 4, and draw your conclusion.

- Turn in your programs, a description of the documents you used to estimate M(x; y), and the final decrypted string.

- Submit your codes along with a technical report that contains an introduction about the project, a section on the results (with figures), and a conclusion section.

- Prepare a set of slides with your teammate (if you have any) and be prepared to present your work in class for 15 minutes.

Good Luck