

## **Assignment-5**

### **CE793: Deep Learning for Engineers**

**Due date 10/21/2020 (Wednesday) – before class**

Total points: 20 points

Instructions:

- 1) All assignments should be submitted to get a passing grade
  - 2) Teamwork is encouraged.
  - 3) All assignments should be submitted to get a passing grade
  - 4) Use Matlab or any other programming language for this assignment
  - 5) Please do not ask me to debug your codes. I will be more than happy to take you through the algorithms once again if needed
  - 6) Please do not copy the code. You may take a look at the code discussed in the class but write your own code.
- 1) Write a code to perform regression on the given dataset “perceptron\_adaline.xlsx” using an Adaline.

Deliverable: plot the given and predicted target variables and attach your code.