Dr. Ronak Etemadpour

Email: retemadpour@ccny.cuny.edu

Assignment 3:

This assignment is a group assignment. Each person only allowed being in one group and each group can be up to two people. There is only one submission for each group. You are not allowed to copy the codes from the other groups and all people in the same group should work on the project equally through a discussion. A report similar to what is shown on the sample code is needed. The due for the submission is on Oct 10th at 11:59 pm.

This assignment has 10 points. All persons in a group will get the same point.

1. Read LDA from: <http://sebastianraschka.com/Articles/2014_python_lda.html>
2. Understand the algorithm and go through the implementation and coding
3. Once you learned it, apply the same technique to cars.csv file
   1. Car dataset includes about 400 cars with 8 characteristics such as horsepower, acceleration, etc.
4. Have a comparison between PCA and LDA