READ ME FILE FOR CSE 5334 DATA MINING FINAL PROJECT

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*************** HOW TO RUN THE CODE ******************************

TRAINING PHASE:

1) Run `mlp_MAIN_deep.p`

The file will run automatically and load the desired parameters and the network will save the weights in **`weights_1.txt`** and **`weight_2.txt.`**

2) Run `mlp_MAIN_stack_linearclassifier.p` and the network weight files will be loaded and give the training error.

3) Run `mlp_PROCESSING_CLASS.p` to test the network.

The code will run and save the results in **`MLP_Processing_Results.txt.`** please load the this file in excel and it can be used as a csv format.

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***************EXPECTED RUNTIME*******************************
All experiments were run on Intel i7 3.3 GHz, 16 GB windows Desktop machine. The time taken, varies from 2 seconds for small iterations (eg Nit = 10) to less than a minute for Nit = 100
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****DISK SPACE REQUIRMENTS**********************************
less than 2 MB.
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*************ANY OTHER REQUIRED ENVIRONMENTS LIBRARIES AND ARCHITECTRUES********
This algorithm should run on any OS, No Harsh memory requirements. The Current code was made on MATLAB 2013a version (Windows 7)
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