CIS8695

**Homework IV (Due: 2/18/2019, Midnight)**

**What to Turn In:**

Please write your answers and paste required results/reports in **a MS Word file**. **Note: Please do NOT submit any other file format, because it will cause grading inconveniency. Failing to submit in correct file format will cause the loss of homework grades! You can use screenshots if it is convenient for you.**

# Problem: Neural Network

Complete **part (a), (b), and (c) of Problem 11.4** in the textbook (attached below). **Note: to evaluate model performance, you do not have to use lift charts and decile-wise lift charts. You can just use confusion matrix.** Of course, you are encouraged (but not required) to try lift charts as well.



