ASSIGNMENT 3

Topics Covered: Artificial Neural Networks

Assessment Objective

The purpose of this assignment is to assess your understanding of the concepts taught in the Artificial Neural Networks learning modules and lectures.

We can assess these modules easily by:

- Asking you to implement step by step methodology to generate and interpret the results.

Submission Checklist:

An assignment 3 folder is already created on Brightspace (in Assessment section)

While submitting the assignment, the name of the submission items must be "Firstname_Lastname_Assignment2"

A. Create a document (in the pdf format) that includes the following:
   I. Your name, CSID and Banner #
   II. Mention the link of the jupyter notebook
   III. If necessary, credit for any project resources you have used as starting point for your assignment
   IV. In this document, write down the description of what you have implemented and how you have implemented (step by step) with proper reasoning.
B. Upload the jupyter notebook with the same name.

Note: There must be two files: One pdf document in which you have listed all the logic behind every step performed in the Jupyter Notebook. Second is the Jupyter Notebook itself.

Academic Integrity:

All the submission documents will be crosschecked via Moss and Turnitin. Do not share your code and report with anyone. In case of academic integrity violation, a strict action will be taken.

Files provided along with Assignment:

1. Assignment 3.pdf: All the step by step tasks are listed in this file.
2. Lending Club DataSet (lending_club_loan.csv): This is the data set which will be used.
3. lending_club_info.csv **:** Regarding the meaning and description of each column in the given data set.