

1. Anything positive or enjoyable you learned from this assignment
  - a. It was enjoyable to apply the perceptron learning algorithm that we had learned in class. As perceptrons are a unit of neural networks, it was interesting to get an introduction into neural networks through this experience. Additionally, it was fascinating to run multiple iterations of the project to test how learning can be impacted by the programmer.
2. Anything negative that you did not like about this assignment
  - a. This assignment proved challenging but every challenge was a new intellectual experience. One thing that was not enjoyable about this assignment was configuring the plotting function across machines. There was a c error in the pandas import that prevented the entire group from running the plotting function.
3. Any parts of the assignment you found easy
  - a. Implementing the perceptron model and fit was rather easy. The perceptron fit was written intuitively with error handling methodology meaning that changing weights and implementing all the tasks was rather easy.
4. Any parts of the assignment you found challenging
  - a. For the iris-virginica and iris-versicolor, the perceptron algorithm did not lead to zero errors. This meant that a stopping algorithm had to be implemented to reduce complexity and limit the number of epochs.
5. Team Function
  - a. The team functioned effectively and collaborated efficiently. Our first meeting was organized on GroupMe. Prior to the meeting, all group members reviewed the project and developed a basic outline of what work needed to be completed. During the first meeting, using Luke's project design, we assigned each group member with tasks they should complete. Approximately 4 days later, we met again as a group and completed the project and plotted the data. All group meetings were completed on Zoom and all development was pushed to different branches of the Github. Luke was responsible for the design of the program, stopping function, and plotting function. Adeena completed the perceptron learning algorithm and model. Rishi was responsible for implementation and completing the data testing with different weights.
6. Any other comments
  - a. This was a pleasurable learning experience that provided meaningful educational opportunities.