

## Assignment: Artificial Neural Network

Submit python scripts, your plots, and descriptions to canvas.

- (100 points) Implement a Python class to execute forward propagation and back propagation for the following neural network architecture for the purpose of binary classification. Use the iris dataset to develop your scripts. Track the total cost at each iteration and include the plot of total cost vs iterations in your results.

Run ANN using sklearn and compare the results that your own script produces with the results that sklearn produces.

