Graded Review Questions Instructions

1. Time allowed: **Unlimited**
   - We encourage you to go back and review the materials to find the right answer
   - Please remember that the Review Questions are worth 50% of your final mark.
2. Attempts per question:
   - One attempt - For True/False questions
   - Two attempts - For any question other than True/False
3. Clicking the "**Final Check**" button when it appears, means your submission is **FINAL**. You will **NOT** be able to resubmit your answer for that question ever again
4. Check your grades in the course at any time by clicking on the "Progress" tab

QUESTION 1 (1/1 point)

Select the reason(s) for using a Deep Neural Network

- Some patterns are very complex and can't be deciphered precisely by alternate means
- Deep Nets are great at recognizing patterns and using them as building blocks in deciphering inputs
- We finally have the technology - GPUs - to accelerate the training process by several folds of magnitude
- All of the above ✔

You have used 1 of 2 submissions

QUESTION 2 (1/1 point)

What is TRUE about the functions of a Multi Layer Perceptron?

- The first neural nets that were born out of the need to address the inaccuracy of an early classifier, the perceptron.
- It predicts which group a given set of inputs falls into.
- It generates a score that determines the confidence level of the prediction.

You have used 1 of 2 submissions

QUESTION 3 (1/1 point)

Why is the vanishing gradient a problem?

- Training is quick if the gradient is large and slow if its small
- With backprop, the gradient becomes smaller as it works back through the net
- The gradient is calculated multiplying two numbers between 0 and 1
- All of above. ✔

You have used 1 of 2 submissions