Graded Review Questions

Instructions for Graded Review Questions

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. Check your grades in the course at any time by clicking on the "Progress" tab

Review Question 1

1/1 point (graded)
what is the difference between Autoencoders and RBMs?

- Autoencoders are used for supervised learning, but RBMs are used for unsupervised learning.
- Autoencoders use a deterministic approach, but RBMs use a stochastic approach. ✔
- Autoencoders have less layeres than RBMS.
- All of the above

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Review Question 2

1/1 point (graded)
Which of the following problems cannot be solved by Autoencoders:

- Dimensionality Reduction
- Time series prediction ✔
- Image Reconstruction
- Emotion Detection
- All of the above

Submit You have used 2 of 2 attempts

✔ Correct (1/1 point)

Review Question 3

1/1 point (graded)
What is TRUE about Autoencoders:

- Help to Reduce the Curse of Dimensionality
- Used to Learn the Most important Features in Data
- Used for Unsupervised Learning
- All of the Above ✔

Submit You have used 1 of 2 attempts

Review Question 4

1/1 point (graded)
What are Autoencoders:

- A Neural Network that is designed to replace Non-Linear Regression
- A Neural Network that is trained to attempt to copy its input to its output ✔
- A Neural Network that learns all the weights by using labeled data
- A Neural Network where different layer inputs are controlled by gates
- All of the Above

Submit You have used 2 of 2 attempts

✔ Correct (1/1 point)

Review Question 5

1/1 point (graded)
What is a Deep Autoencoder:

- An Autoencoder with Multiple Hidden Layers ✔
- An Autoencoder with multiple input and output layers
- An Autoencoder stacked with Multiple Visible Layers

- An Autoencoder stacked with over 1000 layers
- None of the Above

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)