

✔ Congratulations! You passed!

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1. What are Autoencoders?

1 / 1 point

- ☐ A Neural Network where different layer inputs are controlled by gates
- ☒ 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 that is designed to replace Non-Linear Regression
- ☐ All of the Above

✔ **Correct**

2. what is the difference between Autoencoders and RBMs?

1 / 1 point

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

✔ **Correct**

3. Which of the following problems cannot be solved by Autoencoders?

1 / 1 point

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

☒ **Correct**

4. What is a Deep Autoencoder?

1 / 1 point

- ☐ An Autoencoder stacked with over 1000 layers
- ☐ An Autoencoder with multiple input and output layers
- ☐ An Autoencoder stacked with Multiple Visible Layers
- ☒ An Autoencoder with Multiple Hidden Layers
- ☐ None of the Above

☒ **Correct**

5. What is TRUE about Autoencoders?

1 / 1 point

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

☒ **Correct**