




QUIZ • 30 MIN

Introduction to deep learning

Learning
TOTAL POINTS 10

 **Video:** What is a neural network?

1. What does the analogy "AI is the new electricity" refer to?

1 point

 **Video:** Supervised Learning
AI is powering personalization with Neural Networks

AI is powering personal devices in our homes and offices, similar to electricity.

8 min


Al runs on computers and is thus powered by electricity, but it is letting computers

video: Why is Deep

Learning taking off?

10 Through the “smart grid”, AI is delivering a new wave of electricity.

10 min.

 **Vision: About electricity**

2 industries.

 Reading: Frequently Asked Questions

10 min

2. Which of these are reasons for Deep Learning recently taking off? (Check the three

1 point

 Video Course Resources
options that apply.)
1 min

1 min


 Reading: How to use Discussion Forums

10 We have access

10 We have access to a lot more data.

Practice Questions

- ✓ We have access to a lot more computational power.


 **Quiz:** Introduction to deep learning

learning

☒ Deep learning has resulted in significant improvements in important applications such as online advertising, speech recognition, and image recognition.

Heroes of Deep Learning (Optional)

Optional) Neural Networks are a brand new field.

 **Video:** Geoffrey Hinton interview
40 min

40 min

3. Recall this diagram of iterating over different ML ideas. Which of the statements below are true? (Check all that apply.)

1 point

Idea