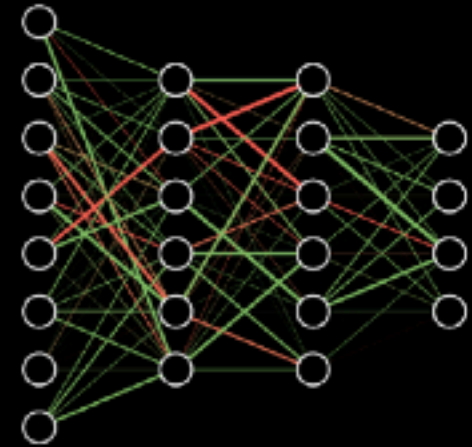


Neural Networks



Neural networks

3Blue1Brown · Course

7 videos · Updated today



▶ Play

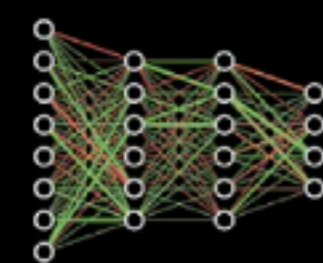


Comments

Learn the basics of neural networks and backpropagation, one of the most important algorithms for the modern world.

Neural Networks

1



From the
ground up
18:40

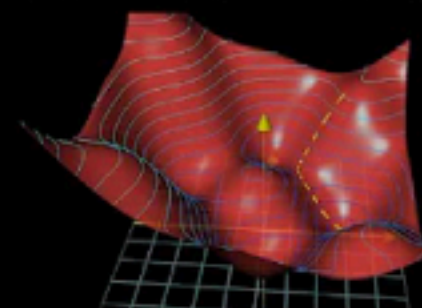
But what is a neural network? | Chapter 1, Deep learning

3Blue1Brown · 17M views · 7 years ago



How machines learn

2



20:33

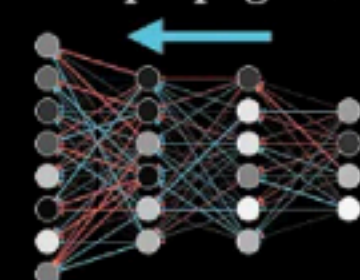
Gradient descent, how neural networks learn | Chapter 2, Deep learning

3Blue1Brown · 7.1M views · 7 years ago



Backpropagation

3



12:47

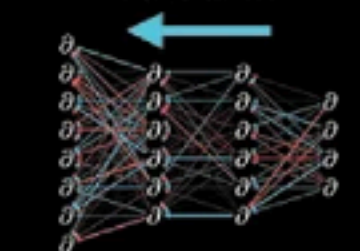
What is backpropagation really doing? | Chapter 3, Deep learning

3Blue1Brown · 4.6M views · 6 years ago



Backpropagation calculus

4



10:18

Backpropagation calculus | Chapter 4, Deep learning

3Blue1Brown · 2.9M views · 6 years ago



5



Inside an
LLM
27:14

How large language models work, a visual intro to transformers | Chapter 5, Deep Learning

3Blue1Brown · 3.3M views · 6 months ago



6



26:10

Attention in transformers, visually explained | Chapter 6, Deep Learning

3Blue1Brown · 1.7M views · 6 months ago



Use of Deep Learning at Google

source directories containing deep learning models

