⚠️ **Assignments Overdue:** You can still pass! Remember, you need to pass these assignments before the course ends on September 17, 11:59 PM PDT. ❓

THIS WEEK'S FORUM

Week 1

Discuss this week's modules here.

Go to forum

Introduction to deep learning

Andrew Ng

Be able to explain the major trends driving the rise of deep learning, and understand where and how it is applied today.

Learning Objectives

Understand the major trends driving the rise of deep learning.

Be able to explain how deep learning is applied to supervised learning.

Understand what are the major categories of models (such as CNNs and RNNs), and when they should be applied.

Be able to recognize the basics of when deep learning will (or will not) work well.

∧ Less

Welcome to the Deep Learning Specialization   Start Lesson

(▶) Welcome 5 min

Introduction to Deep Learning

(▶) What is a neural network? 7 min

(▶) Supervised Learning with Neural Networks 8 min

(▶) Why is Deep Learning taking off? 10 min

(▶) About this Course 2 min

(▤) Frequently Asked Questions 10 min

(▶) Course Resources 1 min

(▤) How to use Discussion Forums 10 min

Practice Questions

● **Quiz:**
Introduction to deep learning 10 questions Due August 20, 11:59 PM PDT

Heroes of Deep Learning (Optional)

(▶) Geoffrey Hinton interview 40 min