

Twitter Thread by Pratham



Pratham
[@PrasoonPratham](#)



There are a million machine learning tutorials and courses out there which makes it really hard to choose the right one for you.

Here are some that I really like that you might find useful.



Before we begin, here's some unsolicited advice.

It is not about how many courses you take that matters but the problems that you solve with your knowledge.

You can take any combination of courses and tutorials from this list that you think will be useful.

Python crash course by Traversy Media (YouTube)

- Introduces you to a lot of basic concepts in Python
- Only 1.5 hours long



Python Crash Course

For Beginners

 TraversyMedia.com

Intermediate Python course (YouTube)

- Helps you understand some of the more difficult concepts in Python

Intermediate Python *in 6 hours*

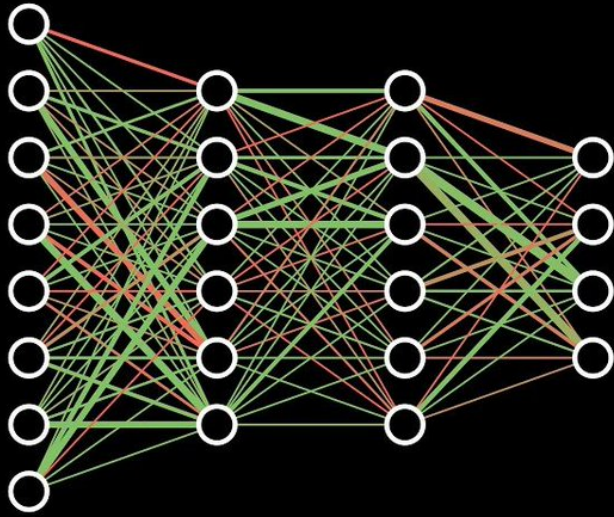


The neural networks series by 3blue1brown (YouTube)

- Visually explains neural networks

- Short and concise

Neural Networks



From the
ground up

The machine learning foundations course (YouTube)

- Great for beginners (I started with this one)
- No math pre-requisites
- Fantastic introduction to computer vision and NLP with TensorFlow



What is machine learning?

**Machine Learning
Foundations**



Sklearn crash course (YouTube)

- Short 2-hour tutorial
- Introduces you to many features of sklearn



Kaggle microcourses

- A set of bite-sized courses
- Easy to understand
- Only take the ones that are useful to you

Your Courses

Active

	Python Next up: Exercise: Syntax, Variables, and Numbers	
	Intro to Machine Learning Next up: Exercise: Explore Your Data	
	Data Cleaning Next up: Exercise: Handling Missing Values	
	Intro to Deep Learning Next up: Exercise: A Single Neuron	
	Computer Vision Next up: Exercise: The Convolutional Classifier	
	Intro to Game AI and Reinforcement Learning Next up: Exercise: Play the Game	

Andrew Ng's machine learning course (Coursera)

- Math heavy
- Solid introduction to machine learning concepts

 [Explore](#) [For Enterprise](#) [For Students](#) [Log In](#) [Join for Free](#)

[Browse](#) > [Data Science](#) > [Machine Learning](#)

Offered By

Stanford

★★★★★ 4.9

158,854 ratings

👍 97%

 Andrew Ng

TOP INSTRUCTOR

Enroll for Free

Starts May 3

Financial aid available

4,093,983 already enrolled

[About](#) [Instructors](#) [Syllabus](#) [Reviews](#) [Enrollment Options](#) [FAQ](#)

About this Course

6,609,087 recent views

Machine learning is the science of getting computers to act without being explicitly programmed. In the past decade, machine learning has given us self-driving cars, practical speech recognition, effective web search, and a

 **Learner Career Outcomes**

 started a new career

Scikit-Learn full course

- Introduces you to several classical machine learning algorithms



scikit-learn in 3 hours

Full Course

Data Analysis with Python - Full Course (YouTube)

- Introduces you to Pandas, Matplotlib, Numpy and Seaborn

Data Analysis *with Python*

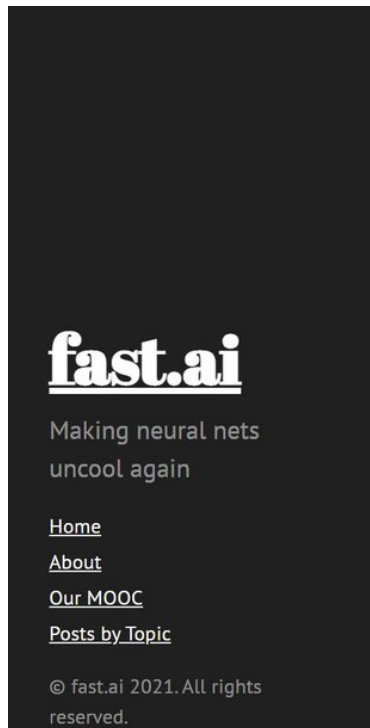
FULL COURSE



fast.ai course

- Uses the fast.ai library based on PyTorch

- Great balance of math and programming exercises



Our online courses (all are free and have no ads):

- [Practical Deep Learning for Coders](#)
- [Part 2: Deep Learning from the Foundations](#)
- [Practical Data Ethics](#)
- [Computational Linear Algebra](#)
- [Code-First Introduction to Natural Language Processing](#)

Other useful resources

- Software: [fastai for PyTorch](#)
- Book: [Practical Deep Learning for Coders with fastai and PyTorch](#)
- Community: [forums.fast.ai](#)

fast.ai in the news:

- The Economist: [New schemes teach the masses to build AI](#)
- The New York Times: [Finally, a Machine That Can Finish Your Sentence](#)
- MIT Tech Review: [A small team of student AI coders beats Google>](#)
- Forbes: [Artificial Intelligence Education Transforms The Developing World](#)
- ZDNet: [fast.ai's software could radically democratize AI](#)

MIT 6.S191 : Introduction to Deep Learning

- Live lectures from MIT
- Includes great project work



That's the end of the thread.

If you like this content then don't forget to follow me and let's do this thing.