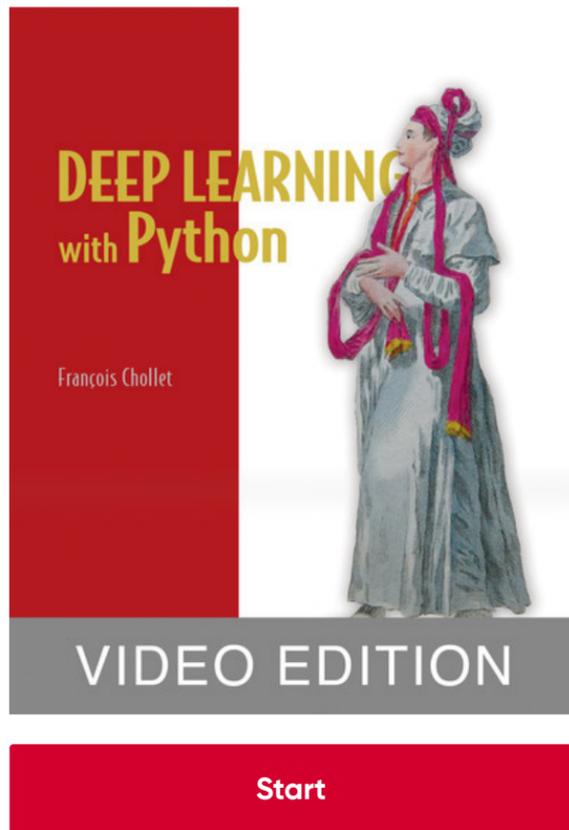


# Deep Learning with Python video edition

★★★★★ [3 reviews](#)

By [François Chollet](#)



TIME TO COMPLETE:  
9h 56m

TOPICS:  
[Deep Learning](#)

PUBLISHED BY:  
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November 2017

In Video Editions the narrator reads the book while the content, figures, code listings, diagrams, and text appear on the screen. Like an audiobook that you can also watch as a video.

*"The clearest explanation of deep learning I have come across...it was a joy to read."*  
Richard Tobias, Cephasonics

**Deep Learning with Python** introduces the field of deep learning using the Python language and the powerful Keras library. Written by Keras creator and Google AI researcher François Chollet, this book builds your understanding through intuitive explanations and practical examples.

Machine learning has made remarkable progress in recent years. We went from near-unusable speech and image recognition, to near-human accuracy. We went from machines that couldn't beat a serious Go player, to defeating a world champion. Behind this progress is deep learning—a combination of engineering advances, best practices, and theory that enables a wealth of previously impossible smart applications.

Inside:

- Deep learning from first principles
- Setting up your own deep-learning environment
- Image-classification models
- Deep learning for text and sequences
- Neural style transfer, text generation, and image generation

This Video Editions book requires intermediate Python skills. No previous experience with Keras, TensorFlow, or machine learning is required.

**François Chollet** works on deep learning at Google in Mountain View, CA. He is the creator of the Keras deep-learning library, as well as a contributor to the TensorFlow machine-learning framework. He also does deep-learning research, with a focus on computer vision and the application of machine learning to formal reasoning. His papers have been published at major conferences in the field, including the Conference on Computer Vision and Pattern Recognition (CVPR), the Conference and Workshop on Neural Information Processing Systems (NIPS), the International Conference on Learning Representations (ICLR), and others.

*An excellent hands-on introductory title, with great depth and breadth.*  
David Blumenthal-Barby, Babbel

*Bridges the gap between the hype and a functioning deep-learning system.*  
Peter Rabinovitch, Akamai

*The best resource for becoming a master of Keras and deep learning.*  
Claudio Rodriguez, Cox Media Group





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