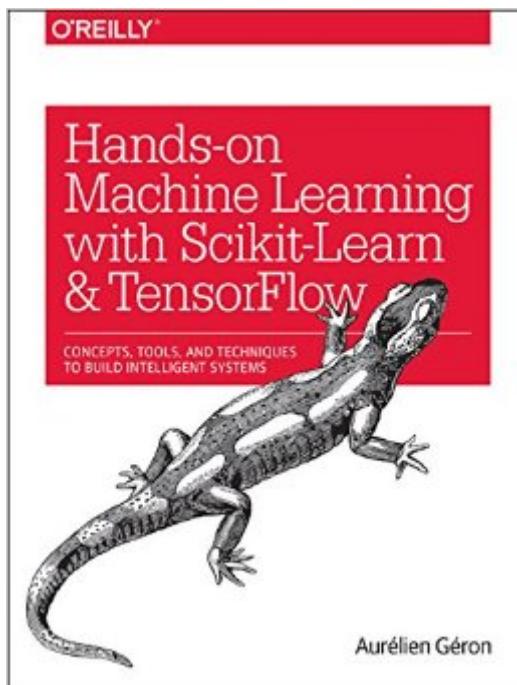


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# Hands-On Machine Learning With Scikit-Learn And TensorFlow: Concepts, Tools, And Techniques For Building Intelligent Systems



## Synopsis

A series of Deep Learning breakthroughs have boosted the whole field of machine learning over the last decade. Now that machine learning is thriving, even programmers who know close to nothing about this technology can use simple, efficient tools to implement programs capable of learning from data. This practical book shows you how. By using concrete examples, minimal theory, and two production-ready Python frameworks—Scikit-Learn and TensorFlow—author Aurélien Géron helps you gain an intuitive understanding of the concepts and tools for building intelligent systems. You'll learn how to use a range of techniques, starting with simple Linear Regression and progressing to Deep Neural Networks. If you have some programming experience and you're ready to code a machine learning project, this guide is for you. This hands-on book shows you how to use Scikit-Learn, an accessible framework that implements many algorithms efficiently and serves as a great machine learning entry point. TensorFlow, a more complex library for distributed numerical computation, is ideal for training and running very large neural networks. Practical code examples that you can apply without learning excessive machine learning theory or algorithm details.

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