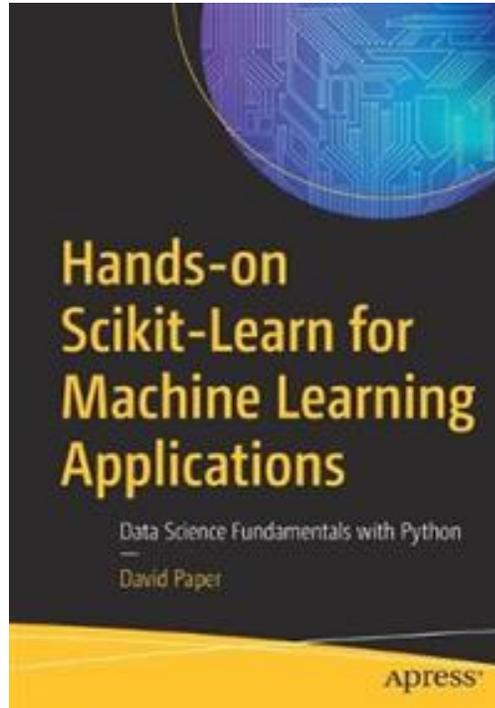


Hands-on Scikit-Learn for Machine Learning Applications

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David Paper

Hands-on Scikit-Learn for Machine Learning Applications boken PDF



Aspiring data science professionals can learn the Scikit-Learn library along with the fundamentals of machine learning with this book. The book combines the Anaconda Python distribution with the popular Scikit-Learn library to demonstrate a wide range of supervised and unsupervised machine learning algorithms. Care is taken to walk you through the principles of machine learning through clear examples written in Python that you can try out and experiment with at home on your own machine. All applied math and programming skills required to master the content are covered in this book. In-depth knowledge of object-oriented programming is not required as working and complete examples are provided and explained. Coding examples are in-depth and complex when necessary. They are also concise, accurate, and complete, and complement the machine learning concepts introduced. Working the examples helps to build the skills necessary to understand and apply complex machine learning algorithms.

Hands-on Scikit-Learn for Machine Learning Applications is an excellent starting point for those pursuing a career in machine learning. It first focuses on Machine Learning using scikit-learn right from framing a problem then focuses on Deep Learning with Keras and TensorFlow. The name Scikit has its roots attached to the SciPy, a scientific computing library developed in 2001. And I could learn it faster more efficiently and for a fraction of .

Scikit Learn Dimensionality Reduction

It could also be explained as the predefined set of functions that is leveraged to bring the features in the

application which are considered linked with machine learning. Through a series of recent breakthroughs deep learning has boosted the entire field of machine learning. Scikitlearn is arguably the most popular Python library for Machine Learning today. Author David Paper Aspiring data science professionals can learn the ScikitLearn library along with the fundamentals of machine learning with this book. HandsOn Machine Learning with ScikitLearn and TensorFlow is divided into two parts Fundamentals of Machine Learning and Deep Learning. ScikitLearn Pipeline. Handson Machine Learning with ScikitLearn Keras and TensorFlow 2nd Edition by Aurélien Géron . the hands on machine learning with scikit learn and tensorflow concepts tools and techniques for building intelligent systems it is categorically simple then. What you will learn Master the frameworks models and techniques that enable machines to learn from data Use scikitlearn for machine learning and TensorFlow for deep learning Apply machine learning to image classification sentiment analysis intelligent web applications and more Build and train neural networks GANs and other models.

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