

Apply effective learning algorithms to real-world problems using scikit-learn
About This Book
Design and troubleshoot machine learning systems for common tasks including regression, classification, and clustering
Acquaint yourself with popular machine learning algorithms, including decision trees, logistic regression, and support vector machines
A practical example-based guide to help you gain expertise in implementing and evaluating machine learning systems using scikit-learn
Who This Book Is For
If you are a software developer who wants to learn how machine learning models work and how to apply them effectively, this book is for you. Familiarity with machine learning fundamentals and Python will be helpful, but is not essential.
What You Will Learn
Review fundamental concepts including supervised and unsupervised experiences, common tasks, and performance metrics
Predict the values of continuous variables using linear regression
Create representations of documents and images that can be used in machine learning models
Categorize documents and text messages using logistic regression and support vector machines
Classify images by their subjects
Discover hidden structures in data using clustering and visualize complex data using decomposition
Evaluate the performance of machine learning systems in common tasks
Diagnose and redress problems with models due to bias and variance
In Detail
This book examines machine learning models including logistic regression, decision trees, and support vector machines, and applies them to common problems such as categorizing documents and classifying images. It begins with the fundamentals of machine learning, introducing you to the supervised-unsupervised spectrum, the uses of training and test data, and evaluating models. You will learn how to use generalized linear models in regression problems, as well as solve problems with text and categorical features. You will be acquainted with the use of logistic regression, regularization, and the various loss functions that are used by generalized linear models. The book will also walk you through an example project that prompts you to label the most uncertain training examples. You will also use an unsupervised Hidden Markov Model to predict stock prices. By the end of the book, you will be an expert in scikit-learn and will be well versed in machine learning

Personality: Classic Theories and Modern Research, Books a la Carte Edition (6th Edition), Life in Foster Care Is Like A Subway Ride, The Hungry Turkey, World of Warcraft 2010 Wall Calendar (Calendar), Dying from Improvement: Inquests and Inquiries into Indigenous Deaths in Custody, On The Nature of Things, Chicken Soup for the Pet Lovers Soul [Large Print], Speer: The Final Verdict, Protecting His Witness (Red Stone Security Series), Mr. Popes literary correspondence for thirty years, from 1704 to 1734. Being a collection of letters, which passed between him and several eminent persons. Volume the first. The third edition.,

Apply effective learning algorithms to real-world problems using scikit-learn. Use scikit-learn to apply machine learning to real-world problems. Mastering Machine Learning with scikit learn Second Edition, published by Packt . Use scikit-learn to apply machine learning to real-world problems About This Book Master popular machine learning models including k-nearest neighbors.

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Book * Master popular machine learning models including.

Mastering machine learning with scikit-learn [electronic resource]: apply effective learning algorithms to real-world problems using scikit-learn. Responsibility. Sorry for the delay in the reply. I concur with Devendra Kumar Sahu. If your objective is to be good at ML (or using ML for that matter) I would recommend picking.

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