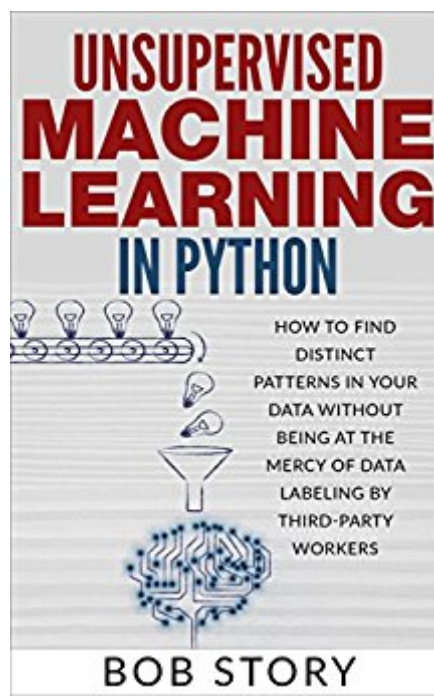




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Unsupervised Machine Learning In Python: How To Find Distinct Patterns In Your Data Without Being At The Mercy Of Data Labeling By Third-Party Workers



Synopsis

Discover How to Put Machine Learning On Autopilot and Execute tasks with ZERO supervision on Your Part! Machine learning is one of the most fascinating aspects of data science. It allows you to find patterns, figure out information, and make smart decisions without having to always be present at the computer. But until recently, humans had to constantly show machines how to adapt and take on new challenges; machines weren't autonomous or self-taught, so to speak. But today, that's all changed! Current technology has allowed machines to figure out patterns and learn as they go. A perfect example would be a search engine. Sure, programmers put in basic information to get things started, but there are myriad things the search engine (the machine) must learn on its own along the way without the oversight and input of another human being. Just imagine how much free time this gives you and how nice it'll be to NOT have to sift through millions of data numbers yourself. Essentially, when you learn unsupervised machine learning you won't have to mess around with putting in code in order to teach machines how to do things - instead they can learn by the choices you or the user make, and can get better over time. And if all this seems complicated or over your head, don't worry - I've got you covered. This info-packed guide will show unsupervised machine learning with easy, step-by-step instructions. When you download this guide you'll discover:

- How to work with unsupervised machine learning
- The probability density function (PDF) and how to use it
- Latent variables and the missing or unknown causes
- Dimensionality reduction
- A variety of algorithms to help you create a more useful picture of your data
- How to use K-Means Clustering
- The benefits of soft and fuzzy K-means and how to use them
- The K-means objective function
- How to add the soft K-means into code
- Gaussian mixture models
- How to code using GMM
- How to work with singular covariance problems
- Principal components analysis (or PCA)
- How to use de-correlation with PCA
- Visualizing a term-document matrix
- How to build clusters using hierarchical clustering
- And much, much more!

Download this book today and become an expert on Unsupervised Machine Learning in Python

Book Information

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Customer Reviews

Excellent book on Machine Learning! Before reading this, I think you've got to have some fundamental knowledge of statistics, data science, and Python. It's a great practical book for supervised learning applications in that it narrows things down into actionable information; you can easily insert your data sets into the example algorithms and get results. Everyone should try reading this book!

This is an informative guide for the reader indeed. This info-packed guide will show unsupervised machine learning with easy, step-by-step instructions. I have implemented many unsupervised algorithm but this takes you in a different level. A very brief overview of the subject matter.

Very impressed, interesting book for beginners or computer programming or just getting started as a career. This book teaches you the iris data as well as the difference in the codes. Well written and very explanatory step by step. very helpful and highly recommended!

A very brief overview of the subject matter. Good for someone only starting to gather knowledge about machine learning . Includes some Python code and overview of different Python libraries and their applications. A very good starting point.

Great tips that I can use to find patterns in my data's without hiring 3rd party workers to do it for me. Very helpful indeed!

This info-packed guide will show unsupervised machine learning with easy, step-by-step instructions. That book topic is really very helpful for all of them especially who wants to know about that. I hope if you read this book you can learn more. Thanks author for creating us a new very important book for all of us! I would highly recommended to read this book everyone.

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