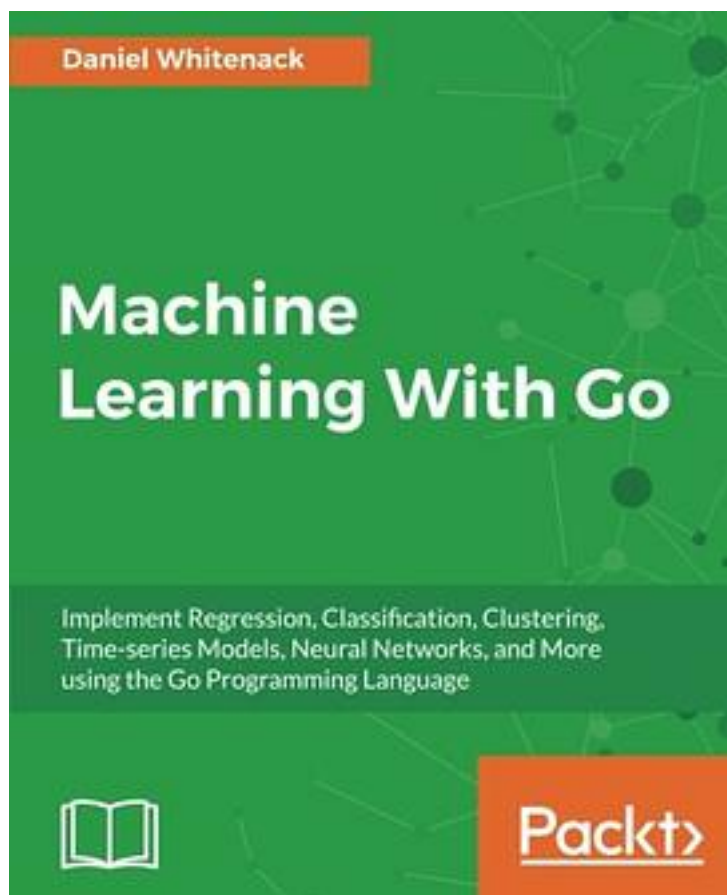


Machine Learning With Go



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The mission of this book is to turn readers into productive, innovative data analysts who leverage Go to build robust and valuable applications. To this end, the book clearly introduces the technical aspects of building predictive models in Go, but it also helps the reader understand how machine learning workflows are being applied in

real-world scenarios.

Machine Learning with Go shows readers how to be productive in machine learning while also producing applications that maintain a high level of integrity. It also gives readers patterns to overcome challenges that are often encountered when trying to integrate machine learning in an engineering organization.

The readers will begin by gaining a solid understanding of how to gather, organize, and parse real-work data from a variety of sources. Readers will then develop a solid statistical toolkit that will allow them to quickly understand gain intuition about the content of a dataset. Finally, the readers will gain hands-on experience implementing essential machine learning techniques (regression, classification, clustering, and so on) with the relevant Go packages.

Finally, the reader will have a solid machine learning mindset and a powerful Go toolkit of techniques, packages, and example implementations.

What you will learn

Learn about data gathering, organization, parsing, and cleaning.

Explore matrices, linear algebra, statistics, and probability.

See how to evaluate and validate models.

Look at regression, classification, clustering.

Learn about neural networks and deep learning

Utilize times series models and anomaly detection.

Get to grip with techniques for deploying and distributing analyses and models.

Optimize machine learning workflow techniques

作者介绍:

Daniel Whitenack (@dwhitena), PhD, is a trained data scientist working with Pachyderm (@pachydermio). Daniel develops innovative, distributed data pipelines that include predictive models, data visualizations, statistical analyses, and more. He has spoken at conferences around the world (GopherCon, JuliaCon, PyCon, ODSC, Spark Summit, and more), teaches data science/engineering at Purdue University (@LifeAtPurdue), and, with Ardan Labs (@ardanlabs), maintains the Go kernel for Jupyter, and is actively helping to organize contributions to various open source data science projects.

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- 10.Appendix: Algorithms/Techniques Related to ML
- • • • • [\(收起\)](#)

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标签

Programming

MachineLearning

Golang

评论

翻了一下，只是对gonum这个库使用的一些介绍和应用。有鉴于gonum的例子实在是太少了，这本书可以算是一个补充吧。但其实想看的是optim，这个本书又涉及的太少。3.5吧

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书评

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