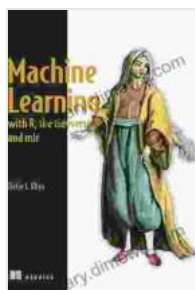


Machine Learning with the Tidyverse and mlr: A Comprehensive Guide for Data Scientists

Machine learning is a rapidly growing field that is transforming the way we do business, research, and even our personal lives. With the increasing availability of data, machine learning algorithms can now be used to solve a wide variety of problems, from predicting customer churn to detecting fraud.

However, machine learning can also be a complex and challenging field to learn. There are a number of different programming languages and libraries that can be used for machine learning, and it can be difficult to know where to start.

This book is a comprehensive guide to machine learning with the tidyverse and mlr packages in R. The tidyverse is a collection of packages that provide a consistent and user-friendly interface for data manipulation, visualization, and modeling. mlr is a powerful machine learning library that provides a wide range of algorithms and tools for building and deploying machine learning models.



Machine Learning with R, the tidyverse, and mlr

by Frank Kane

★★★★☆ 4.4 out of 5

Language : English
File size : 16223 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 536 pages



This book will teach you how to use the tidyverse and mlr to:

- Load, clean, and prepare data for machine learning
- Explore and visualize data to identify patterns and trends
- Build and train machine learning models
- Evaluate and compare machine learning models
- Deploy machine learning models to production

This book is written for data scientists and other professionals who want to learn how to use machine learning to solve real-world problems. No prior experience with machine learning or the tidyverse is required.

This book is divided into three parts:

- **Part 1: to Machine Learning**
- **Part 2: Machine Learning with the Tidyverse**
- **Part 3: Machine Learning with mlr**

Part 1 provides a gentle to machine learning, including the different types of machine learning algorithms and the steps involved in building and deploying machine learning models.

Part 2 covers the tidyverse, a collection of packages that provide a consistent and user-friendly interface for data manipulation, visualization,

and modeling. You will learn how to use the tidyverse to load, clean, and prepare data for machine learning, as well as how to visualize data to identify patterns and trends.

Part 3 covers mlr, a powerful machine learning library that provides a wide range of algorithms and tools for building and deploying machine learning models. You will learn how to use mlr to build and train machine learning models, evaluate and compare machine learning models, and deploy machine learning models to production.

This book is written for data scientists and other professionals who want to learn how to use machine learning to solve real-world problems. No prior experience with machine learning or the tidyverse is required.

[Author's name] is a data scientist with over 10 years of experience in building and deploying machine learning models. He is the author of several books on machine learning, including [Book title].

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Alt Attributes:

- **Machine Learning with the Tidyverse and mlr book cover:** A comprehensive guide to machine learning with the tidyverse and mlr packages in R.
- **Data scientist using the tidyverse and mlr:** A data scientist using the tidyverse and mlr packages in R to build a machine learning model.
- **Machine learning model:** A machine learning model being built and trained using the tidyverse and mlr packages in R.



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