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## Hands-On Machine Learning with R (2e)

To blah, blah, and blah.

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#### Preface

This is a Quarto book. Here's a reference to Knuth (1984).

#### Software conventions

1 + 1

[1] 2

To learn more about Quarto books visit https://quarto.org/docs/books.

#### Acknowledgments

Blah, blah, blah...

### Part I

# Foundations of the Machine Learning Process

The Machine Learning Landscape

# A Tidy Modeling Workflow

Feature & Target Engineering

## Part II

# Supervised Learning Algorithms

Linear Models

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Regularized Regression

Interpretable Glass-Box Models

Non-Linear Classics: SVM & KNN

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Tree-Based Methods: From Single Trees to Random Forests

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Gradient Boosting

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Stacked Ensembles

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# Advanced Topics & Specializations

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Post-Hoc Interpretability for Black-Box Models

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Causal Inference with Machine Learning

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MLOps: Deploying and Monitoring Models

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Ethical & Responsible AI

 $\mathbf{Part}~\mathbf{V}$ 

Appendices

R and RStudio Setup

A tidymodels Quick-Start Guide

#### References

Knuth, Donald E. 1984. "Literate Programming." Comput. J. 27 (2): 97–111. https://doi.org/10.1093/comjnl/27.2.97.