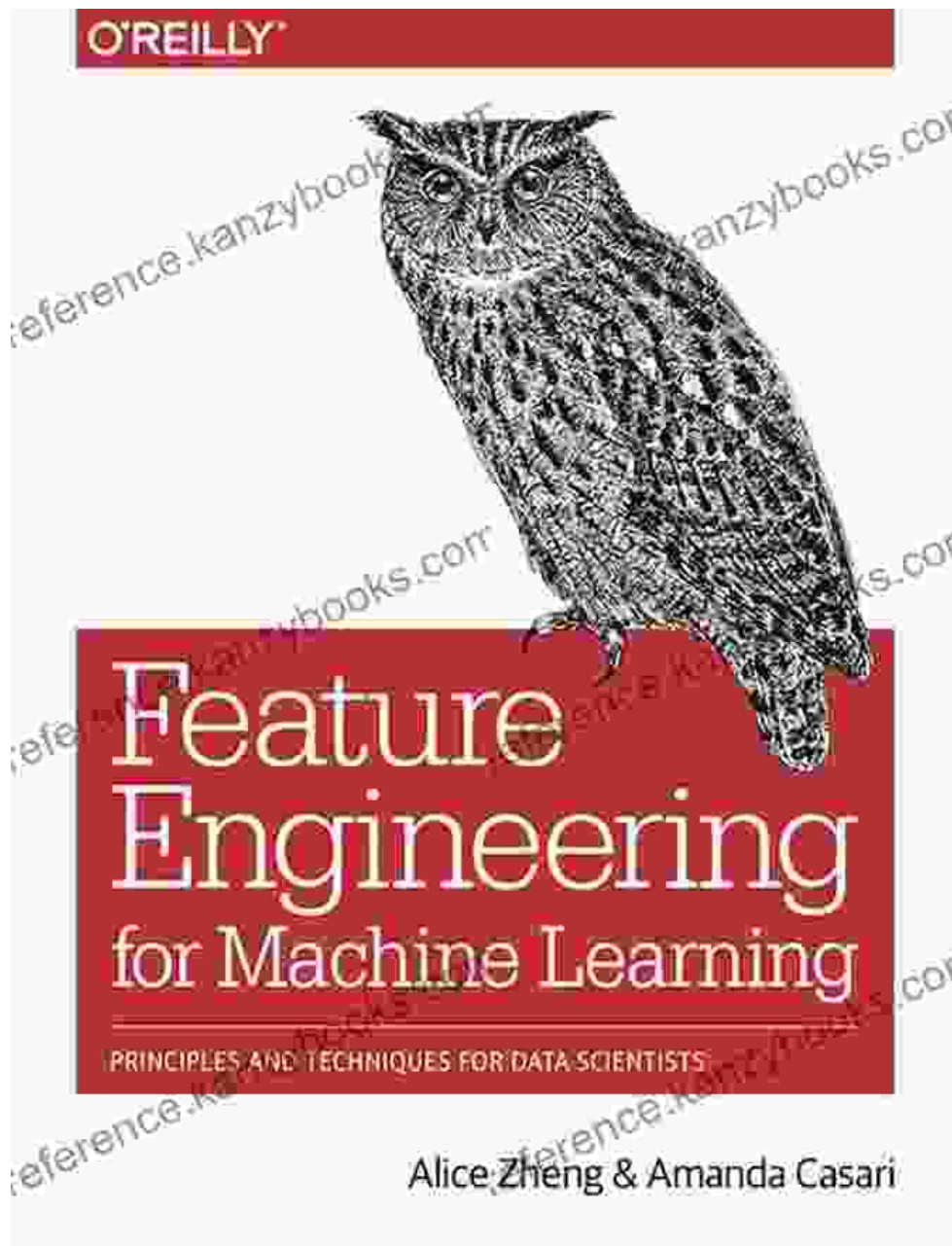


Feature Engineering for Machine Learning: A Comprehensive Guide to Extract Meaningful Features



Author: **Alina Ene, Mihail Popescu**



Feature Engineering for Machine Learning: Principles and Techniques for Data Scientists by Alice Zheng

★★★★☆ 4.4 out of 5

Language : English
File size : 20443 KB
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Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 325 pages



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About the Book

Feature engineering is the process of transforming raw data into features that are more useful for machine learning models. It is a crucial step in the machine learning pipeline, as it can significantly impact the performance of your models.

This book provides a comprehensive guide to feature engineering for machine learning. It covers all aspects of the process, from data preprocessing to feature selection and transformation. The book is written in a clear and concise style, and it is packed with practical examples and case studies.

The book is divided into three parts:

1. **Part 1: to Feature Engineering**
2. **Part 2: Feature Preprocessing and Selection**
3. **Part 3: Feature Transformation**

Part 1: to Feature Engineering

This part of the book provides an overview of feature engineering, including its importance, challenges, and best practices. It also covers the different types of features and the different ways to represent them.

Part 2: Feature Preprocessing and Selection

This part of the book covers the two most important steps in feature engineering: data preprocessing and feature selection. Data preprocessing involves cleaning and transforming the data to make it more suitable for machine learning models. Feature selection involves selecting the most relevant and informative features from the data.

Part 3: Feature Transformation

This part of the book covers the different types of feature transformations that can be applied to data. Feature transformations can be used to improve the performance of machine learning models by making the data more suitable for the model's algorithm.

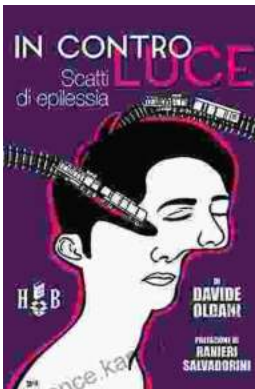
This book is a valuable resource for anyone who wants to learn more about feature engineering for machine learning. It provides a comprehensive overview of the process, and it is packed with practical examples and case studies. The book is written in a clear and concise style, making it easy to understand even for beginners.



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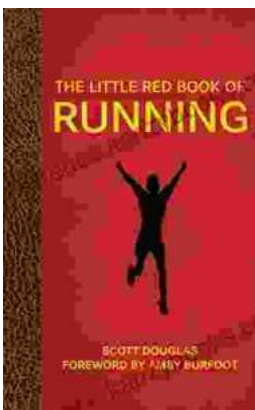
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