Over the 1980s and 1990s, most Latin American countries witnessed a retrenchment of public investment in infrastructure, including water supply systems. However, the importance of water infrastructure for sustainable development and poverty reduction led to increased attention and investment in this sector. Although infrastructure provision has been a priority for many Latin American countries, the management and sustainability of these infrastructures remain challenges.

In Indonesia, the implementation of public programs such as the Desa Program, aimed at providing basic services and improving the living standards of rural communities, has been a significant development. This program has provided financial assistance to local communities to undertake various projects, including water infrastructure. The management of these funds has been the subject of much discussion, especially concerning transparency and accountability.

The book "Best Practice Approach for Rural BMPs (Best Management Practices)" provides an in-depth analysis of various best practices for rural areas, focusing on sustainable development and environmental protection. It includes case studies from several countries to examine the strengths and weaknesses of various approaches. Diffuse Pollution covers both urban and rural sources. Urban sources include run-off from impermeable surfaces of roads, industrial areas and housing which may be contaminated by hydrocarbons, heavy metals, organic chemicals and other undesirable substances. Rural sources include water containing pollutants arising from agriculture and forestry such as plant nutrients, pesticides, microbes and their pathogens, as well as sediments.

The book includes a detailed analysis of the technical aspects of BMPs, such as the selection of appropriate technologies, the consideration of inflow, system storage needs, pump configuration and selection, discharge system size, and sump dimensions. Pump house features are identified and explained, providing a comprehensive guide for the design of stormwater systems.

The book's introduction is given below:

"Diffuse Pollution is Increasingly Being Recognized as a Major Source of Water Quality Problems in Both Surface and Ground Water. Indeed, as pollution resulting from point sources is reduced by the efforts of regulators, diffuse sources frequently remain as the dominant source of pollution. This concise book will prove useful to practitioners in the field of pollution control both in an urban and a rural environment, to regulators, to researchers new to the field, and to academics and students. An extensive reference section aids the reader in exploring the subject further. Contents Diffuse (non-point source) pollution is increasingly being recognised as a major source of water quality problems in both surface and ground water. The book is an introductory text covering the nature, causes and the significance of diffuse pollution of both urban and rural origin. Best management practices presented. Use is made of case studies from several countries to examine the strengths and weaknesses of various approaches. The book is intended for regulators, researchers, practitioners in the field of pollution control, and environmental protection officials. It provides a comprehensive guide for the design and implementation of BMPs for urban and rural areas."

The book presents a comprehensive and practical guide for the design of stormwater systems, focusing on both urban and rural areas. It includes case studies from several countries to examine the strengths and weaknesses of various approaches. The book provides detailed information on the selection of appropriate technologies, the consideration of inflow, system storage needs, pump configuration and selection, discharge system size, and sump dimensions. Pump house features are identified and explained, providing a comprehensive guide for the design of stormwater systems.
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Updates from decades-long projects in progress. Two final chapters synthesize the state of research on tropical forest fragmentation and identify key priorities in ecology, management, restoration, socioeconomics, and conservation of fragmented forests. Thirty-three papers present results of recent research as well as historical findings. Covering geographic areas from Southeast Asia and Australia to Madagascar and the New World, this volume summarizes what is known about the remaining forests of the world that boasted more than 600,000 species. Tropical Forest Remnants provides the best information available to help us understand, manage, and conserve the remaining forests.

By the year 2000, more than half of these forests will have been cut, causing increased soil erosion, watershed destabilization, climate degradation, and extinction of many species. Logging, pollution, and other human activities have transformed the landscape, leaving behind fragments of forest that are increasingly isolated and vulnerable. Tropical Forest Remnants offers a comprehensive overview of the state of knowledge on tropical forest fragmentation, including the drivers, impacts, and potential solutions for conserving these remaining forests.

Given the importance of tropical forests for global biodiversity and ecosystem services, it is crucial to understand the processes that have led to their fragmentation and the challenges facing their conservation. Tropical Forest Remnants provides a valuable resource for researchers, conservationists, policymakers, and practitioners who work to protect and restore these vital ecosystems.
Learn how to build and evaluate performance of efficient models using scikit-learn.

Apply machine learning to real-world problems.

About This Book

Master popular machine learning models including k-nearest neighbors, random forests,

...
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zero-sum game. It's an essential skill for your career that can also improve your closest relationships and your everyday life, but often people shy away from it.

Women Don't Ask: Ask for More shows that by asking better questions, you get better answers—and better results from any negotiation. Negotiation is not a

Authors of Difficult Conversations: "Like having a negotiation coach in your corner…giving you the courage to ask for more." —Linda Babcock, author of

...there were two scrolls, and the only one ever found was a forgery.**Instant Wall Street Journal Bestseller** "A joy to read." —Douglas Stone and Sheila Heen,

...have to find who it is and stop him. The secret is in the ancient scroll of the Prophecy which has been missing for thousands of years. Unknown by all is that

...her three best friends, Sarah, Anita, and Lynne, must mate. Who is The One called Zanack? He killed Kailtan's Mother, and more Clan females are dying. They

...the moment she discovered who, and what, she was, everything changed. In order for the prophecy to come true, and an ancient "curse" broken, Kaitlan, and

...When Canaan is murdered, Cordone is left with having to tell Kaitlan about who she really is. Their passion is all consuming. Their mating, fast and furious. From

...worse? She was sent the day before her birthday! Her twenty-seventh birthday marks her entrance into the supernatural world of which she had no knowledge.

...a trip into 'Nowhereland.' She resented her Father insisting she go to the one man she despised above all others. Yet, she had never met him in person! And,

...Valon, who lives deep in the Rocky Mountains in Colorado. Kaitlan was not looking forward to it. Or as Kaitlan so colorfully puts it: "Forget 'Neverland'. This was

...Canaan. Knowing that her life was in danger from an enemy by the name of Zanack, Canaan sent Kaitlan to edit the book of their best-selling author, Cordone

...Wolf Prophecy was long known by the Clan of O'Hara—except for Kaitlan O'Hara. Kaitlan was an editor for Seneca Publishing House owned by her Father,

...low concentrations of essential chemical elements. Past and present impacts on tropical peatlands in SE Asia are discussed and the need for restoration and

...nutrient dynamics and budgets of this ecosystem are explained in order to show how complex habitats can be maintained mainly by rainwater containing very

...development and maintenance of peatlands and the unique aspects of tropical peatland water supply and management are also explored. In the same vein the

...of carbon stored in it, its biodiversity and natural resource functions and key ecological functions and processes. Appropriate hydrology is the key to the

...vulnerable ecosystems, home to great biodiversity and a number of endangered species such as the orang utan. The aim of this book is to introduce this little

...oil palm and other forms of agriculture, releases large quantities of greenhouse gases which contribute to climate change. They are also complex and

...and South America. They and peat-swamp forests store large amounts of carbon and their destruction, particularly through the development of plantations for

...the belief that you do not understand something until you can describe it simply. Work through toy problems to develop your understanding of the learning

...concepts of scikit-learn to build efficient models at work to carry out advanced tasks with the practical approach. Style and approach This book is motivated by

...evaluate model performance, and develop an intuition for how to improve your model's performance. By the end of this book, you will master all required

...documents, recognize images, detect ads, and more. You will learn to use scikit-learn's API to extract features from categorical variables, text and images;

...artificial neural networks. It discusses data preprocessing, hyperparameter optimization, and ensemble methods. You will build systems that classify

...learning models including popular machine learning algorithms such as k-nearest neighbors, logistic regression, naive Bayes, k-means, decision trees, and

...Using powerful algorithms and techniques offered by machine learning you can automate any analytical model. This book examines a variety of machine

...estimators using bagging and boosting techniques Discover hidden structures in data using K-Means clustering Evaluate the performance of machine learning

...fundamental concepts such as bias and variance Extract features from categorical variables, text, and images Predict the values of continuous variables using
feeling defeated before they've even started. In this groundbreaking new book on negotiation, Ask for More, Alexandra Carter—Columbia law professor and mediation expert who has helped students, business professionals, the United Nations, and more—offers a straightforward, accessible approach anyone can use to ask for and get more. We've been taught incorrectly that the loudest and most assertive voice prevails in any negotiation, or otherwise both sides compromise, ending up with less. Instead Carter shows that you get far more value by asking the right questions of the person you're negotiating with than you do from arguing with them. She offers a simple yet powerful ten-question framework for successful negotiation where both sides emerge victorious. Carter's proven method extends far beyond one "yes" and instead creates value that lasts a lifetime. Ask for More gives you the tools to bring clarity and perspective to any important discussion, no matter the topic. This book is the first work that comprehensively presents the accounts of Lia Eden, a former flower arranger who claims to have received divine messages from the Archangel Gabriel and founded the divine Eden Kingdom in her house in Jakarta. This book places Lia Eden's prophetic trajectory in the context of diverse Indonesian spiritual and religious traditions, by which hundreds of others also claimed to have been commanded by God to lead people and to establish religious groups. This book offers a fresh approach towards the rich Indonesian religious and spiritual traditions with particular attention to the accounts of the emergence of indigenous prophets who founded some popular religions. It presents the history of prophetic tradition which remains alive in Indonesian society from the colonial to reform period. It also explores the ways in which these prophets rebelled against two hegemonies: colonial power in the past and Islamic orthodoxy in the present. The discussion of this book focuses on Lia Eden including her biography, claims to prophethood and divinity, the development of her group Eden Kingdom, her challenge to Islamic orthodoxy under the banner of the MUI (Indonesian Ulama Council), her persecution by radical groups, her experiences in court trials and imprisonment, and public responses to her emergence. The discussion also covers other themes currently drawing public attention in Indonesia, such as pluralism, religious freedom, tolerance, discrimination against minorities, and secularisation.