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Practical Recipes To Get
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The Best Machine Learning Book in 2021
The Only Machine Learning Book You Need To Read 5
Machine Learning Books You Should Read in 2020-2021

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~~Building Machine Learning Models with TensorFlow Machine Learning with R and TensorFlow Don't learn to program in 2021! 8 COOKBOOKS EVERYONE SHOULD OWN! VLOGUST 2020 DAY 6 WHAT ARE THE BEST COOKBOOKS? A Chef's 10 Favorite Cookbooks Creating a~~

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Tensorflow, Gaming... Have you read

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Chaudhury - Mathematics for Deep Learning /u0026 Drishti Technologies
| Podcast #8 RECIPE BULLET JOURNAL
- HOW TO SET UP WITH FLIP
THROUGH Deep Learning Cookbook
Practical Recipes
also author of best-selling cookbook
“ Family ” and known for recipes on

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Epicurious and the New York Times.
“To Asia With Love” is full of modern yet practical vegetarian recipes inspired by ...

The best cookbooks of 2021 so far
The best new cookbooks of 2021 ...
pleat gyoza and deep-fry crab

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rangoon – all from the comfort of home. Out now. Daydreaming of a sun-soaked vacation in South America? This stunning tome should hold ...

The 24 best new cookbooks to buy in 2021

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"A place", he said, "where learning is a game ... rhyming story AND your little one's first cookbook! The story, narrated with lots of rhymes, follows Abby trying (and failing) to help me cook her ...

Blue Hen Brain Break

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DALLAS--(BUSINESS WIRE)--With 60% of migraine sufferers dissatisfied with their current treatment, healthy living blogger and cookbook ... as practical, non-drug tips which make up her “ recipe ...

Alicia Wolf, The Dizzy Cook, Shares

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Her “Recipe” For Migraine Relief
this Migraine & Headache Awareness
Month (MHAM)

A new book by IMD Professor
Emeritus Jean-Pierre Jeannet and co-
authors Cornelia Amstutz, Thierry
Volery and Heiko Bergmann,
Masterpieces of Swiss

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Entrepreneurship, spotlights these successful SMEs.

Masterpieces of Swiss Entrepreneurship

This was the basis for the hit movie "Julie & Julia," the not-so-culinary beginnings of Julia Child before she

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would go on to reshape American cooking with her cookbook. This is the story of Julia ...

18 delicious books by chefs and food writers, from Anthony Bourdain to Padma Lakshmi

Heat oil in a deep, heavy skillet over

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medium heat ... Serves 4-6 (From 1,000 Jewish Recipes by Faye Levy. IDG Books Worldwide, Inc., Foster City, CA: 2000.) Jewish cookbook writer Marlena Spieler ...

Jewish Pumpkin Recipes
Jenifer Rosenberg, 78, understands

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the deep pain the Queen was most likely ... raced to her side and after a week or so she moved into practical mode. ' There was a lot of paperwork as we were ...

'You have to get used to silence': How it feels to be widowed after a lifetime

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of marriage Recipes To Get
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While this book touches darkness, Coyote writes with charm, wit, and a deep generosity and tenderness.—CP. Out now. Video: Young Alberta Book Society brings local authors and illustrators to ...

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6 New Books By LGBTQ+ Canadian Authors

The tests are easy to do — CHEO produced a Youtube video featuring a six-year-old giving himself one — and don ' t use the deep-nasal swab ... shifted to online learning at home.

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Take-home COVID-19 test kits for kids roll out in Ottawa

Like her tankmates, she's dressed in the orange outfit, but she wears her shirt backwards, so the deep-V neckline rests ... She's learned practical skills like money management, and delved into ...

Online Library Deep Learning Cookbook Practical Recipes To Get The Tank Started Quickly

Given there is so much to do at the show, just keep telling yourself that it ' s merely a practical means of eating ... so treat yourself to deep fried lasagne, folded slice of Hawaiian pizza ...

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Food on a stick, burger pies, unicorn buns and more

Cocktail pools are shallow (usually around four feet deep) all the way across ... Architecturally striking, this pool also offers up some practical perks. Now you can swim from

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indoors or outdoors ...
Started Quickly

How to Choose the Right Type of
Swimming Pool for Your Yard
It's interesting — and you can go as
deep (into reading materials ... Not
only does this cookbook contain
more than 120 delicious recipes,

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you'll also find tons of personal stories and beautiful ...

60 gifts Mom will love — from a convertible handbag to a waterproof Kindle

After my diagnosis, I found myself unable to work and really struggling

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with my condition, but by learning about how food impacts migraine disorders, and developing recipes that avoid triggering ...

Alicia Wolf, The Dizzy Cook, Shares Her "Recipe" For Migraine Relief this Migraine & Headache Awareness

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Month (MHAM)

Providing an enlightening look into the process of searching and advocating for options that work best for oneself, Alicia shares her motive for switching to a natural approach as well as practical, ...

Online Library Deep Learning Cookbook Practical Recipes To Get Started Quickly

Deep learning doesn't have to be intimidating. Until recently, this machine-learning method required years of study, but with frameworks such as Keras and Tensorflow, software engineers without a

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Practical Recipes To Get Started Quickly

background in machine learning can quickly enter the field. With the recipes in this cookbook, you ' ll learn how to solve deep-learning problems for classifying and generating text, images, and music. Each chapter consists of several recipes needed to complete a single project, such as

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training a music recommending system. Author Douwe Osinga also provides a chapter with half a dozen techniques to help you if you 're stuck. Examples are written in Python with code available on GitHub as a set of Python notebooks. You 'll learn how to: Create applications that will

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serve real users Use word embeddings to calculate text similarity Build a movie recommender system based on Wikipedia links Learn how AIs see the world by visualizing their internal state Build a model to suggest emojis for pieces of text Reuse pretrained networks to

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build an inverse image search service
Compare how GANs, autoencoders
and LSTMs generate icons Detect
music styles and index song
collections

This practical guide provides nearly
200 self-contained recipes to help you

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Solve machine learning challenges you may encounter in your daily work. If you 're comfortable with Python and its libraries, including pandas and scikit-learn, you 'll be able to address specific problems such as loading data, handling text or numerical data, model selection, and

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dimensionality reduction and many other topics. Each recipe includes code that you can copy and paste into a toy dataset to ensure that it actually works. From there, you can insert, combine, or adapt the code to help construct your application. Recipes also include a discussion that explains

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the solution and provides meaningful context. This cookbook takes you beyond theory and concepts by providing the nuts and bolts you need to construct working machine learning applications. You ' ll find recipes for: Vectors, matrices, and arrays Handling numerical and

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categorical data, text, images, and dates and times Dimensionality reduction using feature extraction or feature selection Model evaluation and selection Linear and logical regression, trees and forests, and k-nearest neighbors Support vector machines (SVM), naïve Bayes,

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clustering, and neural networks
Saving and loading trained models

Solve different problems in modelling deep neural networks using Python, Tensorflow, and Keras with this practical guide About This Book
Practical recipes on training different

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Practical network models and tuning them for optimal performance Use Python frameworks like TensorFlow, Caffe, Keras, Theano for Natural Language Processing, Computer Vision, and more A hands-on guide covering the common as well as the not so common problems in deep

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learning using Python Who This Book Is For This book is intended for machine learning professionals who are looking to use deep learning algorithms to create real-world applications using Python. Thorough understanding of the machine learning concepts and Python

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libraries such as NumPy, SciPy and scikit-learn is expected. Additionally, basic knowledge in linear algebra and calculus is desired. What You Will Learn Implement different neural network models in Python Select the best Python framework for deep learning such as PyTorch, Tensorflow,

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MXNet and Keras Apply tips and tricks related to neural networks internals, to boost learning performances Consolidate machine learning principles and apply them in the deep learning field Reuse and adapt Python code snippets to everyday problems Evaluate the cost/benefits

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and performance implication of each discussed solution. In Detail Deep Learning is revolutionizing a wide range of industries. For many applications, deep learning has proven to outperform humans by making faster and more accurate predictions. This book provides a top-

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down and bottom-up approach to demonstrate deep learning solutions to real-world problems in different areas. These applications include Computer Vision, Natural Language Processing, Time Series, and Robotics. The Python Deep Learning Cookbook presents technical solutions to the

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issues presented, along with a detailed explanation of the solutions. Furthermore, a discussion on corresponding pros and cons of implementing the proposed solution using one of the popular frameworks like TensorFlow, PyTorch, Keras and CNTK is provided. The book includes

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recipes that are related to the basic concepts of neural networks. All techniques, as well as classical networks topologies. The main purpose of this book is to provide Python programmers a detailed list of recipes to apply deep learning to common and not-so-common

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scenarios. Style and approach Unique blend of independent recipes arranged in the most logical manner

Leverage the power of deep learning and Keras to develop smarter and more efficient data models Key Features Understand different neural

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networks and their implementation using Keras Explore recipes for training and fine-tuning your neural network models Put your deep learning knowledge to practice with real-world use-cases, tips, and tricks
Book Description Keras has quickly emerged as a popular deep learning

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library. Written in Python, it allows you to train convolutional as well as recurrent neural networks with speed and accuracy. The Keras Deep Learning Cookbook shows you how to tackle different problems encountered while training efficient deep learning models, with the help

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of the popular Keras library. Starting with installing and setting up Keras, the book demonstrates how you can perform deep learning with Keras in the TensorFlow. From loading data to fitting and evaluating your model for optimal performance, you will work through a step-by-step process to

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tackle every possible problem faced while training deep models. You will implement convolutional and recurrent neural networks, adversarial networks, and more with the help of this handy guide. In addition to this, you will learn how to train these models for real-world

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image and language processing tasks. By the end of this book, you will have a practical, hands-on understanding of how you can leverage the power of Python and Keras to perform effective deep learning. What you will learn:

- Install and configure Keras in TensorFlow
- Master neural network

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programming using the Keras library
Understand the different Keras layers
Use Keras to implement simple feed-forward neural networks, CNNs and RNNs
Work with various datasets and models used for image and text classification
Develop text summarization and reinforcement

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learning models using Keras Who this book is for Keras Deep Learning Cookbook is for you if you are a data scientist or machine learning expert who wants to find practical solutions to common problems encountered while training deep learning models. A basic understanding of Python and

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some experience in machine learning and neural networks is required for this book.

A solution-based guide to put your deep learning models into production with the power of Apache Spark Key Features Discover practical recipes for

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distributed deep learning with Apache Spark Learn to use libraries such as Keras and TensorFlow Solve problems in order to train your deep learning models on Apache Spark Book Description With deep learning gaining rapid mainstream adoption in modern-day industries, organizations

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are looking for ways to unite popular big data tools with highly efficient deep learning libraries. As a result, this will help deep learning models train with higher efficiency and speed. With the help of the Apache Spark Deep Learning Cookbook, you ' ll work through specific recipes

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to generate outcomes for deep learning algorithms, without getting bogged down in theory. From setting up Apache Spark for deep learning to implementing types of neural net, this book tackles both common and not so common problems to perform deep learning on a distributed

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environment. In addition to this, you ' ll get access to deep learning code within Spark that can be reused to answer similar problems or tweaked to answer slightly different problems. You will also learn how to stream and cluster your data with Spark. Once you have got to grips

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with the basics, you'll explore how to implement and deploy deep learning models, such as Convolutional Neural Networks (CNN) and Recurrent Neural Networks (RNN) in Spark, using popular libraries such as TensorFlow and Keras. By the end of the book, you'll have the expertise

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to train and deploy efficient deep learning models on Apache Spark.
What you will learn Set up a fully functional Spark environment
Understand practical machine learning and deep learning concepts
Apply built-in machine learning libraries within Spark Explore libraries

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that are compatible with TensorFlow and Keras Explore NLP models such as Word2vec and TF-IDF on Spark Organize dataframes for deep learning evaluation Apply testing and training modeling to ensure accuracy Access readily available code that may be reusable Who this book is for

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If you're looking for a practical and highly useful resource for implementing efficiently distributed deep learning models with Apache Spark, then the Apache Spark Deep Learning Cookbook is for you. Knowledge of the core machine learning concepts and a basic

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Understanding of the Apache Spark framework is required to get the best out of this book. Additionally, some programming knowledge in Python is a plus.

Discover powerful ways to effectively solve real-world machine learning

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problems using key libraries including scikit-learn, TensorFlow, and PyTorch
Key Features Learn and implement machine learning algorithms in a variety of real-life scenarios Cover a range of tasks catering to supervised, unsupervised and reinforcement learning techniques Find easy-to-

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Practical code solutions for tackling common and not-so-common challenges

Book Description This eagerly anticipated second edition of the popular Python Machine Learning Cookbook will enable you to adopt a fresh approach to dealing with real-world machine learning and deep

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learning tasks. With the help of over 100 recipes, you will learn to build powerful machine learning applications using modern libraries from the Python ecosystem. The book will also guide you on how to implement various machine learning algorithms for classification,

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clustering, and recommendation engines, using a recipe-based approach. With emphasis on practical solutions, dedicated sections in the book will help you to apply supervised and unsupervised learning techniques to real-world problems. Toward the concluding chapters, you

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will get to grips with recipes that teach you advanced techniques including reinforcement learning, deep neural networks, and automated machine learning. By the end of this book, you will be equipped with the skills you need to apply machine learning techniques

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and leverage the full capabilities of the Python ecosystem through real-world examples. What you will learn

- Use predictive modeling and apply it to real-world problems
- Explore data visualization techniques to interact with your data
- Learn how to build a recommendation engine
- Understand

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how to interact with text data and build models to analyze it Work with speech data and recognize spoken words using Hidden Markov Models Get well versed with reinforcement learning, automated ML, and transfer learning Work with image data and build systems for image recognition

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and biometric face recognition Use deep neural networks to build an optical character recognition system Who this book is for This book is for data scientists, machine learning developers, deep learning enthusiasts and Python programmers who want to solve real-world challenges using

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machine-learning techniques and algorithms. If you are facing challenges at work and want ready-to-use code solutions to cover key tasks in machine learning and the deep learning domain, then this book is what you need. Familiarity with Python programming and machine

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This book uses a recipe-based approach to showcase the power of machine learning algorithms to build ensemble models using Python libraries. Through this book, you will be able to pick up the code,

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Understand in depth how it works, execute and implement it efficiently. This will be a desk reference to implement a wide range of tasks and solve ...

Tackle the complex challenges faced while building end-to-end deep

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learning models using modern R libraries Key Features Understand the intricacies of R deep learning packages to perform a range of deep learning tasks Implement deep learning techniques and algorithms for real-world use cases Explore various state-of-the-art techniques

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for fine-tuning neural network models Book Description Deep learning (DL) has evolved in recent years with developments such as generative adversarial networks (GANs), variational autoencoders (VAEs), and deep reinforcement learning. This book will get you up

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and running with R 3.5.x to help you implement DL techniques. The book starts with the various DL techniques that you can implement in your apps. A unique set of recipes will help you solve binomial and multinomial classification problems, and perform regression and hyperparameter

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Optimization. To help you gain hands-on experience of concepts, the book features recipes for implementing convolutional neural networks (CNNs), recurrent neural networks (RNNs), and Long short-term memory (LSTMs) networks, as well as sequence-to-sequence models and

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reinforcement learning. You 'll then learn about high-performance computation using GPUs, along with learning about parallel computation capabilities in R. Later, you 'll explore libraries, such as MXNet, that are designed for GPU computing and state-of-the-art DL. Finally, you 'll

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Discover how to solve different problems in NLP, object detection, and action identification, before understanding how to use pre-trained models in DL apps. By the end of this book, you ' ll have comprehensive knowledge of DL and DL packages, and be able to develop

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effective solutions for different DL problems. What you will learn Work with different datasets for image classification using CNNs Apply transfer learning to solve complex computer vision problems Use RNNs and their variants such as LSTMs and Gated Recurrent Units (GRUs) for

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sequence data generation and classification Implement autoencoders for DL tasks such as dimensionality reduction, denoising, and image colorization Build deep generative models to create photorealistic images using GANs and VAEs Use MXNet to accelerate the

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training of DL models through distributed computing Who this book is for This deep learning book is for data scientists, machine learning practitioners, deep learning researchers and AI enthusiasts who want to learn key tasks in deep learning domains using a recipe-

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Practical approach. A strong understanding of machine learning and working knowledge of the R programming language is mandatory.

100 recipes that teach you how to perform various machine learning

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tasks in the real world About This Book Understand which algorithms to use in a given context with the help of this exciting recipe-based guide Learn about perceptrons and see how they are used to build neural networks Stuck while making sense of images, text, speech, and real estate?

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This guide will come to your rescue, showing you how to perform machine learning for each one of these using various techniques Who This Book Is For This book is for Python programmers who are looking to use machine-learning algorithms to create real-world

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Applications. This book is friendly to Python beginners, but familiarity with Python programming would certainly be useful to play around with the code. What You Will Learn Explore classification algorithms and apply them to the income bracket estimation problem Use predictive

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modeling and apply it to real-world problems Understand how to perform market segmentation using unsupervised learning Explore data visualization techniques to interact with your data in diverse ways Find out how to build a recommendation engine Understand how to interact

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with text data and build models to analyze it Work with speech data and recognize spoken words using Hidden Markov Models Analyze stock market data using Conditional Random Fields Work with image data and build systems for image recognition and biometric face

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recognition Grasp how to use deep neural networks to build an optical character recognition system In Detail

Machine learning is becoming increasingly pervasive in the modern data-driven world. It is used extensively across many fields such as search engines, robotics, self-driving

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cars, and more. With this book, you will learn how to perform various machine learning tasks in different environments. We'll start by exploring a range of real-life scenarios where machine learning can be used, and look at various building blocks. Throughout the book, you'll use a

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Practical variety of machine learning algorithms to solve real-world problems and use Python to implement these algorithms. You'll discover how to deal with various types of data and explore the differences between machine learning paradigms such as

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Practical Recipes To Get started Quickly supervised and unsupervised learning. We also cover a range of regression techniques, classification algorithms, predictive modeling, data visualization techniques, recommendation engines, and more with the help of real-world examples. Style and approach You will explore

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Practical real-life scenarios in this book where machine learning can be used, and learn about different building blocks of machine learning using independent recipes in the book.

Explore machine learning concepts using the latest numerical computing

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library — TensorFlow — with the help of this comprehensive cookbook
About This Book Your quick guide to implementing TensorFlow in your day-to-day machine learning activities
Learn advanced techniques that bring more accuracy and speed to machine learning Upgrade your knowledge to

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the second generation of machine learning with this guide on TensorFlow Who This Book Is For This book is ideal for data scientists who are familiar with C++ or Python and perform machine learning activities on a day-to-day basis. Intermediate and advanced machine learning

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Implementers who need a quick guide they can easily navigate will find it useful. What You Will Learn

- Become familiar with the basics of the TensorFlow machine learning library
- Get to know Linear Regression techniques with TensorFlow
- Learn SVMs with hands-on recipes

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Implement neural networks and improve predictions Apply NLP and sentiment analysis to your data Master CNN and RNN through practical recipes Take TensorFlow into production In Detail TensorFlow is an open source software library for Machine Intelligence. The

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Independent recipes in this book will teach you how to use TensorFlow for complex data computations and will let you dig deeper and gain more insights into your data than ever before. You'll work through recipes on training models, model evaluation, sentiment analysis,

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Regression analysis, clustering analysis, artificial neural networks, and deep learning – each using Google's machine learning library TensorFlow. This guide starts with the fundamentals of the TensorFlow library which includes variables, matrices, and various data sources.

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Moving ahead, you will get hands-on experience with Linear Regression techniques with TensorFlow. The next chapters cover important high-level concepts such as neural networks, CNN, RNN, and NLP. Once you are familiar and comfortable with the TensorFlow ecosystem, the last

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chapter will show you how to take it to production. Style and approach
This book takes a recipe-based approach where every topic is explicated with the help of a real-world example.

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