Deep Machine Learning A Comprehensive Beginner S

Deep Learning
Artificial Intelligence
Machine Learning for Beginners
Introduction to Machine Learning, fourth edition
Deep Learning from Scratch
Handbook of Deep Learning Applications
Deep Machine Learning
Tensorflow Machine Learning
Machine Learning for Beginners
Deep Reinforcement Learning
Elon Musk Grok Ai
Machine Learning
Federated Learning
Building Machine Learning and Deep Learning Models on Google Cloud Platform
Deep Learning
Machine Learning For Beginners
Deep Learning
Deep Machine Learning
Machine and Deep Learning Algorithms and Applications
Deep Learning with TensorFlow
Deep Learning with TensorFlow
Machine Learning
Deep Learning for the Earth Sciences
Deep Learning
Deep Machine Learning
Deep Learning for Beginners
Data Scientist Pocket Guide
Deep Learning
Deep Machine Learning
Deep Learning: A Comprehensive Guide for Beginners
Machine and Deep Learning Algorithms and Applications
Deep Learning
Deep Learning with Python
Machine Learning for Beginners
Deep Learning
Deep Learning Illustrated
Multi-faceted Deep Learning
Mastering Machine Learning: A Comprehensive Guide to Success
Design of Intelligent Applications using Machine Learning and Deep Learning Techniques
Introduction to Deep Learning

DICKSON OCONNELL

Deep Learning John Wiley & Sons
Artificial intelligence takes many shapes and forms. At this point in its evolution, machine learning and deep learning are two of the most common shapes it takes. This is primarily because we are at a point where we have discovered how to create networks of information that can actually be filtered and processed just as a normal human cognitive process would be. Beyond all those shapes and forms of AI, though, this entire concept is built based on a few basic ideas: Information is power Neural networks can imitate the human brain Programmers can create machine programs that enable them to filter information in a specific way, that allows them to draw conclusions and grow their learning based on that Hopefully, the book at hand will help you gain a better understanding of the grand scheme of deep learning - and even more specifically, how deep learning connects to Python, one of the single most popular programming languages of the moment. I have structured the book in a way that allows you to make sense of everything in the most logical way possible. What are you waiting for?.. Grab a copy of this book and start to explore the world of Deep Learning with Python!
Artificial Intelligence MIT Press
DEEP LEARNING FOR THE EARTH SCIENCES Explore this insightful treatment of deep learning in the field of earth sciences, from four leading voices Deep learning is a fundamental technique in modern Artificial Intelligence and is being applied to disciplines across the scientific spectrum; earth science is no exception. Yet, the link between deep learning and Earth sciences has only recently entered academic curricula and thus has not yet proliferated. Deep Learning for the Earth Sciences delivers a unique perspective and treatment of the concepts, skills, and practices necessary to quickly become familiar with the application of deep learning techniques to the Earth sciences. The book prepares readers to be ready to use the technologies and principles described in their own research. The distinguished editors have also included resources that explain and provide new ideas and recommendations for new research especially useful to those involved in advanced research education or those seeking PhD thesis orientations. Readers will also benefit from the inclusion of: An introduction to deep learning for classification purposes, including advances in image segmentation and encoding priors, anomaly detection and target detection, and domain adaptation An exploration of learning representations and unsupervised deep learning, including deep learning image fusion, image retrieval, and matching and co-registration Practical discussions of regression, fitting, parameter retrieval, forecasting and interpolation An examination of physics-aware deep learning models, including emulation of complex codes and model parametrizations Perfect for PhD students and researchers in the fields of geosciences, image processing, remote sensing, electrical engineering and computer science, and machine learning, Deep Learning for the Earth Sciences will also earn a place in the libraries of machine learning and pattern recognition researchers, engineers, and scientists.
Machine Learning for Beginners Samuel Hack
Are you interested in learning machine learning and deep learning? TensorFlow is the single most popular library available today. Offering some of the very best graph computations, TensorFlow

helps data scientists in designing neural networks using a cool feature called TensorBoard. It has support for both recurrent neural networks (RNNs) and convolution, as well as parallel processing support on GPU and CPU. While TensorFlow is an incredibly important machine and deep learning library, we also give you an introduction to three others - NumPy, Pandas, and Scikit Learn. I have produced a hands-on guide, with plenty of code examples for you to follow along withHere's what you will learn: -What deep learning is-The difference between deep learning and machine learning-What TensorFlow is-How to install it on Windows and Mac-The basics of TensorFlow-Using TensorBoard-About NumPy, Scikit Learn, and Pandas-About linear regression-Kernel methods-Building an Artificial Neural Network using TensorFlow-TensorFlow image classification-TensorFlow autoencoders-Much moreIf you are already proficient at programming in Python and are ready to take the next step into machine learning, this guide is for you. Scroll up, hit that Buy Now button, and set off on a brand new machine learning journey.

Introduction to Machine Learning, fourth edition Springer Nature

This book presents a broad range of deep-learning applications related to vision, natural language processing, gene expression, arbitrary object recognition, driverless cars, semantic image segmentation, deep visual residual abstraction, brain–computer interfaces, big data processing, hierarchical deep learning networks as game-playing artefacts using regret matching, and building GPU-accelerated deep learning frameworks. Deep learning, an advanced level of machine learning technique that combines class of learning algorithms with the use of many layers of nonlinear units, has gained considerable attention in recent times. Unlike other books on the market, this volume addresses the challenges of deep learning implementation, computation time, and the complexity of reasoning and modeling different type of data. As such, it is a valuable and comprehensive resource for engineers, researchers, graduate students and Ph.D. scholars.

Deep Learning from Scratch StoryBuddiesPlay

Deep Learning: A Comprehensive Guide provides comprehensive coverage of Deep Learning (DL) and Machine Learning (ML) concepts. DL and ML are the most sought-after domains, requiring a deep understanding – and this book gives no less than that. This book enables the reader to build innovative and useful applications based on ML and DL. Starting with the basics of neural networks, and continuing through the architecture of various types of CNNs, RNNs, LSTM, and more till the end of the book, each and every topic is given the utmost care and shaped professionally and comprehensively. Key Features Includes the smooth transition from ML concepts to DL concepts Line-by-line explanations have been provided for all the coding-based examples Includes a lot of real-time examples and interview questions that will prepare the reader to take up a job in ML/DL right away Even a person with a non-computer-science background can benefit from this book by following the theory, examples, case studies, and code snippets Every chapter starts with the objective and ends with a set of quiz questions to test the reader’s understanding Includes references to the related YouTube videos that provide additional guidance AI is a domain for everyone. This book is targeted toward everyone irrespective of their field of specialization. Graduates and researchers in deep learning will find this book useful.

Handbook of Deep Learning Applications O'Reilly Media

An engaging and accessible introduction to deep learning perfect for students and professionals In Deep Learning: A Practical Introduction, a team of distinguished researchers delivers a book complete with coverage of the theoretical and practical elements of deep learning. The book includes extensive examples, end-of-chapter exercises, homework, exam material, and a GitHub repository containing code and data for all provided examples. Combining contemporary deep learning theory with state-of-the-art tools, the chapters are structured to maximize accessibility for both beginning and intermediate students. The authors have included coverage of TensorFlow, Keras, and Pytorch. Readers will also find: Thorough introductions to deep learning and deep learning tools Comprehensive explorations of convolutional neural networks, including discussions of their elements, operation, training, and architectures Practical discussions of recurrent neural networks and non-supervised approaches to deep learning Fulsome treatments of generative adversarial networks as well as deep Bayesian neural networks Perfect for undergraduate and graduate students studying computer vision, computer science, artificial intelligence, and neural networks, Deep Learning: A Practical Introduction will also benefit practitioners and researchers in the fields of deep learning and machine learning in general.

Deep Machine Learning MIT Press

Learn machine algorithms using deep machine learning techniques and methods with sample codes

Tensorflow Machine Learning John Wiley & Sons

A substantially revised fourth edition of a comprehensive textbook, including new coverage of recent advances in deep learning and neural networks. The goal of machine learning is to program computers to use example data or past experience to solve a given problem. Machine learning underlies such exciting new technologies as self-driving cars, speech recognition, and translation applications. This substantially revised fourth edition of a comprehensive, widely used machine learning textbook offers new coverage of recent advances in the field in both theory and practice, including developments in deep learning and neural networks. The book covers a broad array of topics not usually included in introductory machine learning texts, including supervised learning, Bayesian decision theory, parametric methods, semiparametric methods, nonparametric methods, multivariate analysis, hidden Markov models, reinforcement learning, kernel machines, graphical models, Bayesian estimation, and statistical testing. The fourth edition offers a new chapter on deep learning that discusses training, regularizing, and structuring deep neural networks such as convolutional and generative adversarial networks; new material in the chapter on reinforcement learning that covers the use of deep networks, the policy gradient methods, and deep reinforcement learning; new material in the chapter on multilayer perceptrons on autoencoders and the word2vec network; and discussion of a popular method of dimensionality reduction, t-SNE. New appendixes offer background material on linear algebra and optimization. End-of-chapter exercises help readers to apply concepts learned. Introduction to Machine Learning can be used in courses for advanced undergraduate and graduate students and as a reference for professionals.

Machine Learning for Beginners Createspace Independent Publishing Platform

Deep reinforcement learning (DRL) is the combination of reinforcement learning (RL) and deep learning. It has been able to solve a wide range of complex decision-making tasks that were previously out of reach for a machine, and famously contributed to the success of AlphaGo. Furthermore, it opens up numerous new applications in domains such as healthcare, robotics, smart grids and finance. Divided into three main parts, this book provides a comprehensive and self-contained introduction to DRL. The first part introduces the foundations of deep learning, reinforcement learning (RL) and widely used deep RL methods and discusses their implementation. The second part covers selected DRL research topics, which are useful for those wanting to specialize in DRL research. To help readers gain a deep understanding of DRL and quickly apply the techniques in practice, the third part presents mass applications, such as the intelligent transportation system and learning to run, with detailed explanations. The book is intended for computer science students, both undergraduate and postgraduate, who would like to learn DRL from scratch, practice its implementation, and explore the research topics. It also appeals to engineers and practitioners who do not have strong machine learning background, but want to quickly understand how DRL works and use the techniques in their applications.

Deep Reinforcement Learning CRC Press

TODAY ONLY 55% OFF for Bookstores! Are you interested in learning about the amazing capabilities of machine learning, but you're worried it will be just too complicated? Or are you a programmer looking for a solid introduction into this field? Your customers must have this guide to understand the hidden secrets of artificial intelligence! Machine learning is an incredible technology which we're only just beginning to understand. Those who break into this industry early will reap the rewards as this field grows more and more important to businesses the world over. And the good news is, it's not too late to start! This guide breaks down the fundamentals of machine learning in a way that anyone can understand. With reference to the different kinds of machine learning models, neural networks, and the way these models learn data, you'll find everything you need to know to get started with machine learning in a concise, easy-to-understand way. Here's what you'll discover inside: What is Artificial Intelligence Really, and Why is it So Powerful? Choosing the Right Kind of Machine Learning Model for You An Introduction to Statistics Supervised and Unsupervised Learning The Power of Neural Networks Reinforcement Learning and Ensemble Modeling "Random Forests" and Decision Trees Must-Have Programming Tools And Much More! Whether you're already a programmer or if you're a complete beginner, now you can break into machine learning in no time! Covering all the basics from simple decision trees to the complex decision-making processes which mirror our own brains, Machine Learning for Beginners is your comprehensive introduction to this amazing field! Buy it NOW and let your customers become to addicted to this incredible book!

Elon Musk Grok Ai Roland Bind

☆★The Best Deep Learning Book for Beginners★☆ If you are looking for a complete beginners guide to learn deep learning with examples, in just a few hours, then you need to continue reading. This book delves into the basics of deep learning for those who are enthusiasts concerning all things machine learning and artificial intelligence. For those who have seen movies which show computer systems taking over the world like, Terminator, or benevolent systems that watch over the population, i.e. Person of Interest, this should be right up your alley. This book will give you the basics of what deep learning entails. That means frameworks used by coders and significant components and tools used in deep learning, that enable facial recognition, speech recognition, and virtual assistance. Yes, deep learning provides the tools through which systems like Siri became possible. ★★ Grab your copy today and learn ★★ ♦ Deep learning utilizes frameworks which allow people to develop tools which are able to offer better abstraction, along with simplification of hard programming issues. TensorFlow is the most popular tool and is used by corporate giants such as Airbus, Twitter, and even Google. ♦ The book illustrates TensorFlow and Caffe2 as the prime frameworks that are used for development by Google and Facebook. Facebook illustrates Caffe2 as one of the lightweight and modular deep learning frameworks, though TensorFlow is the most popular one, considering it has a lot of popularity, and thus, a big forum, which allows for assistance on main problems. ♦ The book considers several components and tools of deep learning such as the neural networks; CNNs, RNNs, GANs, and auto-encoders. These algorithms create the building blocks which propel deep learning and advance it. ♦ The book also considers several applications, including chatbots and virtual assistants, which have become the main focus for deep learning into the future, as they represent the next frontier in information gathering and connectivity. The Internet of Things is also represented here, as deep learning allows for the integration of various systems via an artificial intelligence system, which is already being used for the home and car functions. ♦ And much more... The use of data science adds a lot of value to businesses, and we will continue to see the need for data scientists grow. This book is probably one of the best books for beginners. It's a step-by-step guide for any person who wants to start learning deep learning and artificial intelligence from scratch. When data science can reduce spending costs by billions of dollars in the healthcare industry, why wait to jump in? If you want to get started on deep learning and the concepts that run artificial technologies, don't wait any longer. Scroll up and click the buy now button to get this book today!

Machine Learning Independently Published

Do you have a clear understanding of the different types of machine learning algorithms? Do you know what a neural network is, and how you can build it? If you have read the second book in the series, the answer to both the questions is YES. If you want to gather more information about machine learning, deep learning and neural networks, you have come to the right place. Over the course of the book, you will gather information on the following: The difference between machine learning and deep learning Python libraries Advantages of using Python Developing supervised and unsupervised machine learning algorithms in Python Assessing or evaluating a neural network The information in this book will help you gather a clear understanding of what machine learning is, how you can build different models and where you can use these models. You can use the programs given in the book as a sample or a base for you to build your programs. If you are still learning how to code in Python, you can simply copy the code in the books and analyze different input data sets. So what are you waiting for? Grab a copy of this book Now, and build your very own regression and clustering machine learning algorithms.

Federated Learning Morgan & Claypool Publishers

Delve into neural networks, implement deep learning algorithms, and explore layers of data abstraction with the help of this comprehensive TensorFlow guideAbout This Book* Learn how to implement advanced techniques in deep learning with Google's brainchild, TensorFlow* Explore deep neural networks and layers of data abstraction with the help of this comprehensive guide* Real-world contextualization through some deep learning problems concerning research and application Who This Book Is ForThe book is intended for a general audience of people interested in machine learning and machine intelligence. A rudimentary level of programming in one language is assumed, as is a basic familiarity with computer science techniques and technologies, including a basic awareness of computer hardware and algorithms. Some competence in mathematics is needed to the level of elementary linear algebra and calculus.What You Will Learn* Learn about machine learning landscapes along with the historical development and progress of deep learning* Learn about deep machine intelligence and GPU computing with the latest TensorFlow 1.x* Access public datasets and utilize them using TensorFlow to load, process, and transform data* Use TensorFlow on real-world datasets, including images, text, and more* Learn

how to evaluate the performance of your deep learning models* Using deep learning for scalable object detection and mobile computing* Train machines quickly to learn from data by exploring reinforcement learning techniques* Explore active areas of deep learning research and applicationsIn DetailDeep learning is the step that comes after machine learning, and has more advanced implementations. Machine learning is not just for academics anymore, but is becoming a mainstream practice through wide adoption, and deep learning has taken the front seat. As a data scientist, if you want to explore data abstraction layers, this book will be your guide. This book shows how this can be exploited in the real world with complex raw data using TensorFlow 1.x.Throughout the book, you'll learn how to implement deep learning algorithms for machine learning systems and integrate them into your product offerings, including search, image recognition, and language processing. Additionally, you'll learn how to analyze and improve the performance of deep learning models. This can be done by comparing algorithms against benchmarks, along with machine intelligence, to learn from the information and determine ideal behaviors within a specific context.After finishing the book, you will be familiar with machine learning techniques, in particular the use of TensorFlow for deep learning, and will be ready to apply your knowledge to research or commercial projects.Style and approachThis step-by-step guide will explore common, and not so common, deep neural networks and show how these can be exploited in the real world with complex raw data. With the help of practical examples, you will learn how to implement different types of neural nets to build smart applications related to text, speech, and image data processing.

Building Machine Learning and Deep Learning Models on Google Cloud Platform Apress

Delve into neural networks, implement deep learning algorithms, and explore layers of data abstraction with the help of TensorFlow. Key Features Learn how to implement advanced techniques in deep learning with Google's brainchild, TensorFlow Explore deep neural networks and layers of data abstraction with the help of this comprehensive guide Gain real-world contextualization through some deep learning problems concerning research and application Book Description Deep learning is a branch of machine learning algorithms based on learning multiple levels of abstraction. Neural networks, which are at the core of deep learning, are being used in predictive analytics, computer vision, natural language processing, time series forecasting, and to perform a myriad of other complex tasks. This book is conceived for developers, data analysts, machine learning practitioners and deep learning enthusiasts who want to build powerful, robust, and accurate predictive models with the power of TensorFlow, combined with other open source Python libraries. Throughout the book, you'll learn how to develop deep learning applications for machine learning systems using Feedforward Neural Networks, Convolutional Neural Networks, Recurrent Neural Networks, Autoencoders, and Factorization Machines. Discover how to attain deep learning programming on GPU in a distributed way. You'll come away with an in-depth knowledge of machine learning techniques and the skills to apply them to real-world projects. What you will learn Apply deep machine intelligence and GPU computing with TensorFlow Access public datasets and use TensorFlow to load, process, and transform the data Discover how to use the high-level TensorFlow API to build more powerful applications Use deep learning for scalable object detection and mobile computing Train machines quickly to learn from data by exploring reinforcement learning techniques Explore active areas of deep learning research and applications Who this book is for The book is for people interested in machine learning and machine intelligence. A rudimentary level of programming in one language is assumed, as is a basic familiarity with computer science techniques and technologies, including a basic awareness of computer hardware and algorithms. Some competence in mathematics is needed to the level of elementary linear algebra and calculus.

Deep Learning John Wiley & Sons

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Machine Learning For Beginners Springer Nature

Are you interested in Machine Learning? Are you fascinated by how robots work? Are you ready to open up to the dynamics of technological change? Machine Learning has been approached in a definitive manner as a subset falling under a larger set of Artificial intelligence. It majorly focuses on the aspect of learning of machines basing on the experience and predicting consequences and actions of the machines that revolve around their experience in the past. The book contains all the beginner and advanced knowledge related to deep learning. You will find the basics of deep learning and algorithms and concepts that are vital in this department. We have also provided information about the neural networks and complexities of the machine learning and AI world in this book. Some key takeaway from the book is: Feed-forward networks Neural networks Deep learning regulations and algorithms This book is designed for both beginner and advanced readers and will provide you with the best knowledge related to deep learning and machine learning. This book is for all the people who have nightmares about artificial intelligence wreaking havoc with the world. The world is bound to change, so why shouldn't you change with it? Embrace the change and mold it as you wish. This book will equip you with the latest knowledge about deep learning models which are the building blocks of machine learning and artificial intelligence. I have explained in detail different deep learning topics and the tricks to build neural networks. Here is what you will get if you choose you to buy this book. Basics and advanced level Python programming techniques Deep learning topics Artificial intelligence and its present-day applications Artificial neural networks Convolution neural networks Business intelligence and its importance in the present day Tackle the change, no matter how painful it is, head-on. If you have done Python programming in the past, you can easily digest the knowledge provided in the book. Click the Buy Now button to get started on your journey with advanced techniques and methods!

Deep Learning Springer

Master The World Of Machine Learning And Data Science With This Comprehensive 2-in-1 bundleIf you want to learn more about Machine Learning and Data Science or how to master them with Python quickly and easily, then keep reading. Data Science and Machine Learning are one of the biggest buzzwords in the business world nowadays. Many businesses know the importance of collecting information, but as they can collect so much data in a short period, the real question is: "what is the next step?" Data Science includes all the different steps that you take with the data: collecting and cleaning them, analyzing them, applying Machine Learning algorithms and models, and then presenting your findings from the analysis with some good Data Visualizations. Machines and automation represent a huge part of our daily life. They are becoming part of our experience, and existence. Artificial Intelligence is currently one of the most thriving fields any programmer would wish to delve into, and for a good reason: this is the future! Simply put, Machine Learning is about teaching machines to think and make decisions as we would. The difference between the way machines learn and the way we do is that while for the most part we learn from experiences, machines learn from data. In book one, PYTHON MACHINE LEARNING, you will learn: What is Machine Learning and how it is applied in real-world situations Understanding the differences between Machine Learning, Deep Learning, and Artificial Intelligence Machine learning training models, Regression techniques and Linear Regression in Python How to use Lists and Modules in Python The 12 essential libraries for Machine Learning in Python Artificial Neural Networks And Much More! In book two, PYTHON DATA SCIENCE, you will learn: What Data Science is all about and why so many companies are using it to give them a competitive edge. Why Python and how to use it to implement Data Science The main Data Structures & Object-Oriented Programming, Functions and Modules in Python with practical codes and exercises The 7 most important algorithms and models in Data Science Data Aggregation, Group Operations, Databases and Data in the Cloud 9 important Data Mining techniques in Data Science And So Much More! Where most books only focus on how collecting and cleaning the data, this book goes further, providing guidance on how to perform a proper analysis in order to extract precious information that may be vital for a business. Don't miss the opportunity to master the key points of Machine Learning technology and understand how researchers are breaking the boundaries of Data Science to mimic human intelligence in machines. Even if some Machine Learning concepts and algorithms can appear complex to most computer programming beginners, this book takes the time to explain them in a simple and concise way. Understanding Machine Learning and Data Science is easier than it looks. You just need the right guidance. And this bundle provides all the knowledge you need in a simple and practical way. Regardless of your previous experience, you will learn the techniques to manipulate and process datasets, the principles of Python programming, and its most important real-world applications. Would You Like To Know More?Scroll Up and Click the BUY NOW Button to Get Your Copy!

Deep Machine Learning Springer Nature

This book covers a large set of methods in the field of Artificial Intelligence - Deep Learning applied to real-world problems. The fundamentals of the Deep Learning approach and different types of Deep Neural Networks (DNNs) are first summarized in this book, which offers a comprehensive preamble for further problem–oriented chapters. The most interesting and open problems of machine learning in the framework of Deep Learning are discussed in this book and solutions are proposed. This book illustrates how to implement the zero-shot learning with Deep Neural Network Classifiers, which require a large amount of training data. The lack of annotated training data naturally pushes the researchers to implement low supervision algorithms. Metric learning is a long-term research but in the framework of Deep Learning approaches, it gets freshness and originality. Fine-grained classification with a low inter-class variability is a difficult problem for any classification tasks. This book presents how it is solved, by using different modalities and attention mechanisms in 3D convolutional networks. Researchers focused on Machine Learning, Deep learning, Multimedia and Computer Vision will want to buy this book. Advanced level students studying computer science within these topic areas will also find this book useful.

Machine and Deep Learning Algorithms and Applications Deep Machine Learning

This book introduces basic machine learning concepts and applications for a broad audience that includes students, faculty, and industry practitioners. We begin by describing how machine learning provides capabilities to computers and embedded systems to learn from data. A typical machine learning algorithm involves training, and generally the performance of a machine learning model improves with more training data. Deep learning is a sub-area of machine learning that involves extensive use of layers of artificial neural networks typically trained on massive amounts of data. Machine and deep learning methods are often used in contemporary data science tasks to address the growing data sets and detect, cluster, and classify data patterns. Although machine learning commercial interest has grown relatively recently, the roots of machine learning go back to decades ago. We note that nearly all organizations, including industry, government, defense, and health, are using machine learning to address a variety of needs and applications. The machine learning paradigms presented can be broadly divided into the following three categories: supervised learning, unsupervised learning, and semi-supervised learning. Supervised learning algorithms focus on learning a mapping function, and they are trained with supervision on labeled data. Supervised learning is further sub-divided into classification and regression algorithms. Unsupervised learning typically does not have access to ground truth, and often the goal is to learn or uncover the hidden pattern in the data. Through semi-supervised learning, one can effectively utilize a large volume of unlabeled data and a limited amount of labeled data to improve machine learning model performances. Deep learning and neural networks are also covered in this book. Deep neural networks have attracted a lot of interest during the last ten years due to the availability of graphics processing units (GPU) computational power, big data, and new software platforms. They have strong capabilities in terms of learning complex mapping functions for different types of data. We organize the book as follows. The book starts by introducing concepts in supervised, unsupervised, and semi-supervised learning. Several algorithms and their inner workings are presented within these three categories. We then continue with a brief introduction to artificial neural network algorithms and their properties. In addition, we cover an array of applications and provide extensive bibliography. The book ends with a summary of the key machine learning concepts.

Deep Learning with TensorFlow CRC Press

Do you want to master the world of machine learning? ..... Even if you are a complete beginner with this amazing book! The term Machine Learning refers to the capability of a machine to learn something without any pre existing program. This textbook aims to incorporate in a rational manner machine learning, as well as the algorithmic paradigms it provides. The book offers a detailed theoretical account of the core concepts that underlie Machine Learning and Data Science and translate these ideas into algorithms. Following a summary of the field's fundamentals, the book addresses a broad variety of core topics which previous books have not discussed. If you want to start from zero or to expand your knowledge of machine learning, this is an important book for you. This book is your guide to Machine Learning and Information Sciences if you are anew Python programmer and new to machine learning or want to expand your understanding of the latest innovations. This book includes: - Machine Learning Introduction - Why Machine Learning Have Become So Successful? - Machine Learning Utilizations - Applications of Machine Learning - Artificial Intelligence and its Importance - Machine Learning Algorithms Types - Machine Learning Regression Techniques - Random Forests vs Decision Trees - What is an Artificial Neural Network? - Why Should We Use Data Science and How it can help in Business? - Why Python and Data Science Mix Well? - Data Science Statistical Learning - Machine Learning Algorithms for Data Science - How Machine Learning Is Reshaping Marketing? - Solutions for Small Businesses Using Big Data If your level of knowledge is low and you don't have any previous experience, this book will empower you to learn key functionalities and navigate through various subjects smoothly. If you have already a

good understanding, you will find useful insights that will help to enhance your competences. So, do not wait and get this copy now.