

Machine Learning Una Introduzione Dettagliata Un

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2023-05-10

CHRISTINE VANG

Machine Learning Microsoft Press

"This reference offers a wide-ranging selection of key research in a complex field of study, discussing topics ranging from using machine learning to improve the effectiveness of agents and multi-agent systems to developing machine learning software for high frequency trading in financial markets"--Provided by publishe

Encyclopedia of Machine Learning Giale Limited

This book presents ground-breaking advances in the domain of causal structure learning. The problem of distinguishing cause from effect ("Does altitude cause a change in atmospheric pressure, or vice versa?") is here cast as a binary classification problem, to be tackled by machine learning algorithms. Based on the results of the ChaLearn Cause-Effect Pairs Challenge, this book reveals that the joint distribution of two variables can be scrutinized by machine learning algorithms to reveal the possible existence of a "causal mechanism", in the sense that the values of one variable may have been generated from the values of the other. This book provides both tutorial material on the state-of-the-art on cause-effect pairs and exposes the reader to more advanced material, with a collection of selected papers. Supplemental material includes videos, slides, and code which can be found on the workshop website. Discovering causal relationships from observational data will become increasingly important in data science with the increasing amount of available data, as a means of detecting potential triggers in epidemiology, social sciences, economy, biology, medicine, and other sciences.

Machine Learning for Beginners Createspace Independent Publishing Platform

Machine Learning Complete Beginners Guide For Neural Networks, Algorithms, Random Forests and Decision Trees Made Simple Most people encounter machine learning algorithms every day, though they likely don't stop to think about it. These are the programs that serve as the backbone of self-learning software. You'll find them at use in everything from Google's self-driving cars to Amazon's Alexa to the personalized recommendations on streaming services like Netflix. Here is a preview of what you'll learn: What machine learning is and how it's used in the real world The frameworks and languages used to write the algorithms An in-depth exploration of the most popular algorithms Advice for choosing and implementing an algorithm How to interpret the results and put them to use There are a lot of different ways that you can use these algorithms. They can help make your company more efficient, identify new customers and markets, or improve your ability to predict market trends. Knowledge is the first step to get you started, and this book is designed to get you up to speed. Download your copy of "Machine Learning" by scrolling up and clicking "Buy Now With 1-Click" button. Tags: Machine Learning, Machine Learning Algorithms, Algorithms, Neural Networks, Random Forests, Decision Trees Machine, Machine Learning Course, Big Data Machine Learning, Machine Learning For Dummies, Machine Learning Big Data, Machine Learning Tools, Machine Learning Basics, Machine Learning Online Course, Learn Machine Learning, Machine Learning As A Service, Cloud Machine Learning, Big Data And Machine Learning, Machine Learning And Big Data, Machine Learning Algorithms For Beginners, Machine Learning Platform, Data Science, Machine Learning Big Data Analytics, Machine Learning Companies, Ai Machine Learning, Machine Learning Cloud, Machine Learning Services

On the "Human" in Human-Artificial Intelligence Interaction Springer

Are you tired of taking risks, hoping things will pay off big but you are always worried about the risks? Have you been hearing about some of the buzzwords in the world of business like data science, data analysis, and machine learning, but worry they will be too hard for you to catch onto and learn more about? Are you looking for ways to know more about your industry, what products to release, and how to gain a competitive edge overall, without all of the risks? If this sounds like something you have dealt with, then machine learning for Python is the best option for you! This guidebook is going to dive into all of the parts of this that you need to know right now! Inside, we will explore what machine learning is all about, how to add it into Python, and so many of the algorithms and steps you need to really make all of this a reality for your needs. Inside this guidebook, be prepared to take some of the basics of Python and machine learning, and turn yourself into an expert, someone who knows with certainty that all of your decisions are the right ones, and who has data and information to back them all up. Some of the different topics we will discuss in this guidebook to help make this a reality, and to ensure we can learn and make good predictions, includes: -The basics of machine learning and artificial intelligence. - How to work with Python and machine learning to get started with all the options that work with this topic. -How to work with some of the different Python machine learning algorithms out there for you to choose from. -How to work with a model of machine learning and go through the process of having your computer learn on its own. -More examples of how to work with Python and machine learning together. -The importance of working with neural networks and what all of this can mean to your code. -A look at deep learning and data science that can take your machine learning to the next level. -The steps you need to know to get started with data Preprocessing. -A look at where machine learning and more will be able to help lead us to the future. Working with machine learning for Python is an important topic a lot of businesses are diving into now more than ever. They see the value of working with data science, and what this process can do for them in terms of their success and their sound business decisions. When you are ready to learn how to use machine learning for Python for some of your business and data science needs, make sure to take a look at this guidebook to get

started

Machine Learning con Python e Scikit-learn IGI Global

If you have ever wondered what drives the many tools we use every day, then keep reading. The Fourth Industrial Revolution is led by Artificial Intelligence technology and setting the humankind for a global social transformation. The powerful applications of AI have already transformed our daily lives. Tools such as virtual personal and home assistants (like Siri in Apple Pods and Alexa in Amazon Echo) have become everyday usage products. Artificial Intelligence and Machine Learning are closely related. They have become an important part of scientific study. Not only does it involve the study of statistical models and algorithms, but also the systems used for task performance. Our aim with this book is to provide you a 360 view of the fundamentals and importance of Machine Learning Technology for the beginners' level. You Will Learn: The Fundamentals and Concepts of Artificial Intelligence in 2020 The Technology behind AI, and its Rapid growth and Evolution The Advantages and Disadvantages of Artificial Intelligence How AI Helps Business The Importance of Deep Learning Today How the Fields of Data Science and Its Many Applications Helps Your Business Computer Science and Its Applications in Real World Basic Terminology Used in Artificial Intelligence As we cover the basics of Machine Learning and Artificial Intelligence, you will be glad to know that it can be understood and processed on the beginners' level. Even though it may seem to have some big words. Would You Like to Know More? Get This book Today to know how Machine Learning is changing our world.

Machine Learning: Concepts, Methodologies, Tools and Applications Shanlax Publications

Are you fascinated by Data Science but it seems too complicated? Do you want to learn everything about Artificial Intelligence but it looks like it is an exclusive club? If this is you, please keep reading: you are in the right place, looking at the right book. Since you are reading these lines you have probably already noticed this: Artificial Intelligence is all around you. Your smartphone that suggests you the next word you want to type, your Netflix account that recommends you the series you may like or Spotify's personalised playlists. This is how machines are learning from you in everyday life. And these examples are only the surface of this technological revolution. Everyone knows (well, almost everyone) how important Data Science is for the growth and success of the biggest tech companies, and many people know about the Machine Learning impact in science, medicine and statistics. Also, it is quite commonly known that Artificial Intelligence, Machine Learning Deep Learning, and the mastering of their most important language, Python, can offer a lot of possibilities in work and business. And you yourself are probably thinking "I surely can see that opportunity, but how can I seize it?" Well, if you kept reading so far you are on the right track to answer your question. Either if you want to start your own AI enterprise, to empower your business or to work in the greatest and most innovative companies, Artificial Intelligence is the future, and Python and Neural Networks programming is The Skill you want to have. The good news is that there is no exclusive club, you can easily (if you commit, of course) learn how to find your way around Artificial Intelligence, Data Science, Deep Learning and Machine Learning, and to do that Data Science for Beginners is the best way. In Data Science for Beginners you will discover: The most effective starting points when training deep neural nets The smartest way to approach Machine Learning What libraries are and which one is the best for you Tips and tricks for a smooth and painless journey into artificial intelligence Why decision tree is the way The TensorFlow parts that are going to make your coding life easy Why python is the best language for Machine Learning How to bring your ideas into a computer How to talk with deep neural networks How to deal with variables and data The most common myths about Machine Learning debunked Even If you don't know anything about programming, understanding Data Science is the ideal place to start. Still, if you already know something about programming but not about how to apply it to Artificial Intelligence, Data Science is what you want to understand. Download now Data Science for Beginners to start your path of Artificial Intelligence.

Machine Learning with R Createspace Independent Publishing Platform

Looking for a comprehensive guide to the exciting world of deep learning? Look no further than this must-have book! Written by a team of experts, this guide offers a deep dive into the world of artificial intelligence and machine learning. With clear explanations and practical examples, you'll learn how to use deep learning techniques to build powerful and innovative models that can solve complex problems. Whether you're a beginner or an experienced practitioner, this book has something for everyone. You'll learn the basics of neural networks, convolutional networks, and recurrent networks, and discover how to use them to build image recognition systems, natural language processing models, and more. With easy-to-follow code samples and real-world case studies, you'll see how deep learning is revolutionizing industries from healthcare to finance. So if you're ready to take your machine learning skills to the next level, don't wait any longer. Get your hands on this essential guide to deep learning today!

Data Science for Beginners Createspace Independent Publishing Platform

Are you fascinated by Machine Learning but it seems too complicated?Do you have some coding skills but you want to go deeper in Python and Machine Learning? If this is you, please keep reading: you are in the right place, looking at the right book. Since you are reading this you are probably aware of how important Artificial Intelligence is in these days. In your everyday life Artificial Intelligence is all around you. Every time you buy a product on Amazon, follow a new profile on Instagram, listen to a song on Spotify or reserve a room on Booking, they are learning something out of your behavior. And these are just the most visible aspects of how Machine Learning is having an impact on our lives. Everyone knows (well, almost everyone) how important Machine Learning is for the growth and success of the biggest tech companies, and many people know about the Machine Learning impact in science, medicine and statistics. Also, it is quite commonly known that Artificial Intelligence, Machine Learning, and the mastering

of their most important language, Python, can offer a lot of possibilities in work and business. And you yourself are probably thinking "I surely can see that opportunity, but how can I seize it?" Well, if you kept reading so far you are on the right track to answer your question. In Machine Learning with Python you will find: Why python is the best language for Machine Learning How to bring your ideas into a computer The smartest way to approach Machine Learning How to deal with variables and data Tips and tricks for a smooth and painless journey into artificial intelligence The most common myths about Machine Learning debunked So, whether you decided to start now or to go deeper into Artificial Intelligence, Machine Learning and Python Programming, you will only have two unanswered questions right now: "what is the best way to do it? And when is the best time to start?" An easy, clear and complete guide as Machine Learning with Python is the answer to your first question, and about the second one, well, that's an easy one: the best time is NOW! Download Machine Learning with Python now and start mastering the secrets of Artificial Intelligence. Scroll to the top of the page and click the BUY NOW button.

Machine Learning With Python Albert Torres

Need to Master Machine Learning in ONE DAY ?If you are looking for a complete book in machine learning fundamentals, this one is for you. Machine learning is not just another buzzword. So many professionals who work in different areas such as IT, security, marketing, automation, and even medicine, know that machine learning is the key to development. Without it, so many amazing things that make our lives easier - such as spam-filtering, Google search, relevant ads, accurate weather forecasting or sport prediction - would be impossible. Machine learning is not some speculative science. It is really practical and can be applied to almost every area of modern life and business. Now you can learn it too! This book is the starting point you've been waiting for. From AI Sciences Publishing Our books may be the best one for beginners; it's a step-by-step guide for any person who wants to start learning Artificial Intelligence and Data Science from scratch. Readers are advised to adopt a hands on approach, which would lead to better mental representations. What's Inside This Book?Chapter 1: Introduction to Machine Learning What Is Machine Learning? Problems that Machine Learning Can Solve Medicine Vision Fraud detection Natural Language Processing Finance Meteorological Chapter 2: Types of Learning Supervised Learning Unsupervised Learning Reinforcement Learning Semi-supervised Learning Instance-Based Learning Chapter 4: Statistics and Probabilities What is Statistics? Descriptive Statistics Inferential Statistics Introduction to Basic Terms Probability Rules Discrete Probability Distributions Continuous Probability Distributions Confidence interval $(1-\alpha)$ Steps for hypothesis testing Chapter 5: Machine Learning Algorithms Linear Regression Benefits of linear regression Downsides of linear regression Logistic Regression Benefits and downside of logistic regression Decision Trees and Random forest Benefits and downside of Decision Trees Bagging Random Forest Benefits of Random Forest Downsides of Random Forest Boosting Benefits of Boosting Downsides of Boosting Support vector machines Benefits of SVMs Downsides of SVMs k Nearest Neighbors Benefits of k-Nearest Neighbor Downsides of k-Nearest Neighbor Clustering and K-means K-Means Clustering Benefits of K-Means algorithm Downsides of K-Means algorithm Chapter 6: Model Performance R-Squared (R2) Adjusted R-squared Confusion matrix ROC Curve and AUC Cross-Validation Bias Variance Bias-Variance tradeoff Chapter 7: Best Practices Feature Engineering One-hot encoding Binning Feature Scaling Data Imputation techniques Overfitting and underfitting Regularization Frequently Asked Questions Q: Can I have a refund if this book doesn't fit for me?A: Yes, Amazon refund you if you aren't satisfied, for more information about the amazon refund service please go to the amazon help platform.***** MONEY BACK GUARANTEE BY AMAZON *****

Machine Learning of Robot Assembly Plans Frontiers Media SA

Are you looking for a complete guide of machine learning? Then keep reading... In this book, you will learn about the OpenAI Gym, used in reinforcement learning projects with several examples of the training platform provided out of the box. Machine Learning Math is the book most readers will want to have when starting to learn machine learning. This book is a reference, something you can keep coming back to hence suitable for newbies. The book is perfect for all people who have a desire to study data science. Have you heard of machine learning being everywhere, and you intend to understand what it can do? Or are you familiar with applying the tools of machine learning, but you want to make sure you aren't missing any? Having a little knowledge about mathematics, statistics, and probability would be helpful, but this book has been written in such a way that you will get most of this knowledge as you continue reading. You should not shy away from reading the book if you have no background in machine learning. You will learn how to use reinforcement learning algorithms in other tasks, for example, the board game Go, and generating deep image classifiers. This will help you to get a comprehensive understanding of reinforcement learning and help you solve real-world problems. The most interesting part of this book is the asynchronous reinforcement learning framework. You will learn what the shortcomings of DQN are, and why DQN is challenging to apply in complex tasks. Then, you will learn how to apply the asynchronous reinforcement learning framework in the actor-critic method REINFORCE, which led us to the A3C algorithm. You will learn four important things. The first one is how to implement games using gym and how to play games for relaxation and having fun. The second one is that you will learn how to preprocess data in reinforcement learning tasks such as in computer games. For practical machine learning applications, you will spend a great deal of time understanding and refining data, which affects the performance of an AI system a lot. The third one is the deep Q-learning algorithm. You will learn the intuition behind it, for example, why the replay memory is necessary, why the target network is needed, where the update rule comes from, and so on. The final one is that you will learn how to implement DQN using TensorFlow and how to visualize the training process. The following is a glimpse of what you will find inside the book: Introduction to machine learning The best machine learning algorithms Regression (a problem of predicting a real-valued label) and classification (a problem of automatically assigning a label to unlabeled example-for example spam detection) Reinforcement learning Robotics Supervised and Unsupervised learning How to implement a convolutional neural network(usually used for images) in TensorFlow Deep Learning Data preparation and processing TensorFlow machine learning frameworks Neural Networks (a combination of linear and non-linear functions) Clustering(aims to group similar samples together) Even if you have never studied Machine Learning before, you can learn it quickly. So what are you waiting for? Go to the top of the page and click Buy Now!

Deep Learning Chapman & Hall/CRC

This book constitutes the refereed proceedings of the 9th International Conference on Machine Learning, Optimization, and Data Science, LOD 2023, which took place in Grasmere, UK, in September 2023. The 72 full papers included in this book were carefully reviewed and selected from 119

submissions. The proceedings also contain 9 papers from and the Third Symposium on Artificial Intelligence and Neuroscience, ACAIN 2023. The contributions focus on the state of the art and the latest advances in the integration of machine learning, deep learning, nonlinear optimization and data science to provide and support the scientific and technological foundations for interpretable, explainable and trustworthy AI.

Machine Learning Springer Nature

This book covers VC dimension and PAC learning, dimensionality reduction, evaluation of classifiers, Bayesian classifier and ML estimation, regression, decision trees, neural networks, sample questions, Bayesian learning, and Instance based learning.

Machine Learning for Beginners BoD - Books on Demand

★ 55% OFF for Bookstores! NOW at \$ 13.49 instead of \$ 29.97! LAST DAYS! ★ Do you want to learn how to design and master different Machine Learning algorithms quickly and easily?Your Customers Will Love This Amazing Guide! Today, we live in the era of Artificial Intelligence. Self-driving cars, customized product recommendations, real-time pricing, speech and facial recognition are just a few examples proving this truth. Also, think about medical diagnostics or automation of mundane and repetitive labor tasks; all these highlight the fact that we live in interesting times. From research topics to projects and applications in different stages of production, there is a lot going on in the world of Machine Learning. Machines and automation represent a huge part of our daily life. They are becoming part of our experience and existence. This is Machine Learning. 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. Starting from scratch, Python Machine Learning explains how this happens, how machines build their experience and compounding knowledge. Data forms the core of Machine Learning because within data lie truths whose depths exceed our imagination. The computations machines can perform on data are incredible, beyond anything a human brain could do. Once we introduce data to a machine learning model, we must create an environment where we update the data stream frequently. This builds the machine's learning ability. The more data Machine Learning models are exposed to, the easier it is for these models to expand their potential. Some of the topics that we will discuss inside include: What is Machine Learning and how it is applied in real-world situations Understanding the differences between Machine Learning, Deep Learning, and Artificial Intelligence Supervised learning, unsupervised learning, and semi-supervised learning The place of Regression techniques in Machine Learning, including Linear Regression in Python Machine learning training models How to use Lists and Modules in Python The 12 essential libraries for Machine Learning in Python What is the Tensorflow library Artificial Neural Networks And Much More! While most books only focus on widespread details without going deeper into the different models and techniques, Python Machine Learning explains how to master the concepts of Machine Learning technology and helps you to understand how researchers are breaking the boundaries of Data Science to mimic human intelligence in machines using various Machine Learning algorithms. Even if some concepts of Machine Learning algorithms can appear complex to most computer programming beginners, this book takes the time to explain them in a simple and concise way. Would You Like To Know More? Buy It NOW And Let Your Customers Get Addicted To This Amazing Book!

Machine learning for dummies Publishing Factory

Are you one of those individuals who want to learn more about machine learning using Python? Perhaps you are seeking a detailed guide explaining how you can manage machine learning easily and hassle-free. Then look no further because this book, Machine Learning Using Python: Discover The World Of Machine Learning Using Python Algorithm Analysis, Ide, and Libraries. Projects Focused On Beginners, got you covered! The word machine learning is all about the ability of a machine to learn and acquire something without any pre-existing program. Did you know that automatic learning is a means to educate an algorithm to learn from different environmental scenarios? Machine learning is all about the use of massive volumes of data, and an effective algorithm enabled us to improve and adapt its abilities based on recurring circumstances. Humans utilize machine learning data algorithms to make their experience more secure, simpler, and efficient from online shopping to social media and banking operations. This book aims to offer you all the details you need to leverage your skills and offer you the right level of education. All the topics included in this guide will be supported by practical exercises and examples, which will allow you to reinforce your level of knowledge. Here's a quick peek of what you will learn in this book: - When Should We Use Machine Learning History - Steps In Building A Machine Learning System - Categories Of Machine Learning - Sectors And Industries That Use M.L - Installing Scikit -Learn - Introduction To Bias And Variance - And So Much More This book has been written to meet every level of education. There's no need for you to worry if your level of knowledge is low and doesn't have any prior experience. Let this book be your ultimate guide. So what are you waiting for? Scroll up this page and click BUY NOW!

Cause Effect Pairs in Machine Learning thedotcompany

The first edition of this popular textbook, Contemporary Artificial Intelligence, provided an accessible and student friendly introduction to AI. This fully revised and expanded update retains the same accessibility and problem-solving approach, while providing new material and methods, including neural networks and deep learning.

Introduction to Machine Learning AI Sciences LLC

I machine learning facile! Il machine learning, per quanto possa sembrare un argomento complesso, è un nuovo modo per insegnare al computer a svolgere tutta una serie di compiti utili e importanti. Il rilevamento di frodi, gli annunci in tempo reale su pagine web, l'automazione e il filtraggio dello spam via e-mail e l'utilizzo delle reti neurali per l'elaborazione di immagini, suoni e testi sono solo alcuni esempi. Questa guida aggiornata a Python 3 spiega come iniziare, quali sono e come funzionano gli algoritmi di machine learning, come si utilizzano linguaggi di programmazione quali Python e R, come svolgere compiti pratici utilizzando gli algoritmi più efficaci e molto altro ancora!

Deep Learning Applications Blue Rose Publishers

This book aspires young graduates and programmers to become AI engineers and enter the world of artificial intelligence by combining powerful Python programming with artificial intelligence. Beginning with the fundamentals of Python programming, the book gradually progresses to machine learning, where readers learn to implement Python in developing predictive models. The book provides a clear and accessible explanation of machine learning, incorporating practical examples and exercises that strengthen understanding. We go deep into deep learning, another vital component of

AI. Readers gain a thorough understanding of how Python's frameworks and libraries can be used to create sophisticated neural networks and algorithms, which are required for tasks such as image and speech recognition. Natural Language Processing is also covered in the book, with fundamental concepts and techniques for interpreting and generating human-like language covered. The book's focus on computer vision and reinforcement learning is distinctive, presenting these cutting-edge AI fields in an approachable manner. Readers will learn how to use Python's intuitive programming paradigm to create systems that interpret visual data and make intelligent decisions based on environmental interactions. The book focuses on ethical AI development and responsible programming, emphasizing the importance of developing AI that is fair, transparent, and accountable. Each chapter is designed to improve learning by including practical examples, case studies, and exercises that provide hands-on experience. This book is an excellent starting point for anyone interested in becoming an AI engineer, providing the necessary foundational knowledge and skills to delve into the fascinating world of artificial intelligence. Key Learnings Explore Python basics and AI integration for real-world application and career advancement. Experience the power of Python in AI with practical machine learning techniques. Practice Python's deep learning tools for innovative AI solution development. Dive into NLP with Python to revolutionize data interpretation and communication strategies. Simple yet practical understanding of reinforcement learning for strategic AI decision making. Uncover ethical AI development and frameworks, and concepts of responsible and trustworthy AI. Harness Python's capabilities for creating AI applications with a focus on fairness and bias. Table of Content Introduction to Artificial Intelligence Python for AI Data as Fuel for AI Machine Learning Foundation Essentials of Deep Learning NLP and Computer Vision Hands-on Reinforcement Learning Ethics to AI

[Machine Learning](#) Springer Science & Business Media

Do you want to understand Neural Networks and learn everything about them but it looks like it is an exclusive club? Are you fascinated by Artificial Intelligence but you think that it would be too difficult for you to learn? If you think that Neural Networks and Artificial Intelligence are the present and, even more, the future of technology, and you want to be part of it... well you are in the right place, and you are looking at the right book. If you are reading these lines you have probably already noticed this: Artificial Intelligence is all around you. Your smartphone that suggests you the next word you want to type, your Netflix account that recommends you the series you may like or Spotify's personalised playlists. This is how machines are learning from you in everyday life. And these examples are only the surface of this technological revolution. Either if you want to start your own AI enterprise, to empower your business or to work in the greatest and most innovative companies, Artificial Intelligence is the future, and Neural Networks programming is the skill you want to have. The good news is that there is no exclusive club, you can easily (if you commit, of course) learn how to program and use neural networks, and to do that Neural Networks for Beginners is the perfect way. In this book you will learn: The types and components of neural networks The smartest way to approach neural network programming Why Algorithms are your friends The "three Vs" of Big Data (plus two new Vs) How machine learning will help you making predictions The three most common problems with Neural Networks and how to overcome them Even if you don't know anything about programming, Neural Networks is the perfect place to start now. Still, if you already know about programming but not about how to do it in Artificial Intelligence, neural networks are the next thing you want to learn. And Neural Networks for Beginners is the best way to do it. Buy Neural Network for Beginners now to get the best start for your journey to Artificial Intelligence.

[Neural Networks for Beginners](#) Andrew Park

Are you fascinated about machine learning and AI and you don't know where to start? Have you ever heard people talking about Machine Learning

but you only have a vague idea of the actual meaning? Do you want to understand how machine learning could simplify your daily life? Imagine a world where computing systems understand people and the world around us them to a point where they can notice patterns, collect data, interpret it and give recommendations to solve real world problems with high level of precision. It sounds like science fiction but it is happening in healthcare, agriculture, cyber security, facial recognition, targeting and retargeting customers in online advertising, recommending specific products, stories, videos, text etc., self-driving cars, real time pricing, predicting human behavior and much more. Now imagine you being one of the people behind the code; the people who get these advanced systems to work the way they do. Would it be a dream come true for you? By virtue that you are reading this, it is clear that you have some special liking for this advanced tech and would want to learn how you can be one of the people behind the code. Even if not, you probably want to be able to understand the inner workings of these systems. The concept may sound extremely out there and advanced but it won't be if you follow this guide, which takes an easy to follow, beginner friendly language to help you to understand the ins and outs of machine learning! Here is a summary of what this book will teach you: The basics of machine learning, including what it is, how machine learning has evolved over the years, the application of machine learning in today's world and the future of machine learning How machine learning is beneficial in today's world The different approaches to machine learning, including unsupervised, supervised, reinforcement learning method, semi-supervised machine learning and many others The concept of big data analysis, including what is big data, why big data is important, the application of big data in today's world as well as the different data analysis tools that you can use The link between big data and machine learning The different machine learning algorithms, including what machine-learning algorithms are and how and when the different learning algorithms are used The concept of artificial neural networks, including how they work, when to use neural networks and more How decision trees are used in machine learning, including what decision trees are (in respect to machine learning), how they work, how the decision tree is read, the different nodes in decision trees and when to use them The ins and outs of linear and logistic regression in machine learning, including what linear regression is, different types of regression, how linear regression works, how linear regression is used and much more And much more! Even if this is your first encounter with the concept of machine learning, this book will uncover everything you need to know to master machine learning and possibly get started in this field of advanced computing knowing very well what you are venturing into. And the good thing is that the book takes a beginner friendly approach to help you to apply what you learn right away! Would You Like To Know More? Click Buy Now With 1-Click or Buy Now to get started!

[A tu per tu col Machine Learning](#) Springer

Una guida pratica per chiunque voglia imparare a implementare soluzioni di apprendimento automatico con Python e SciKit-Learn, una delle più versatili e popolari librerie di Machine Learning. Il libro inizia con una spiegazione dei fondamenti dell'apprendimento automatico e trova un equilibrio tra i concetti teorici e le loro applicazioni, senza mai scendere nelle complicate logiche matematiche. Ogni capitolo copre un diverso set di algoritmi e mostra come usarli per risolvere problemi tipici con esempi pratici. Alla fine di questo libro sull'apprendimento automatico, avrete imparato come adottare un approccio guidato dai dati per fornire soluzioni di apprendimento automatico end-to-end. Avrete anche scoperto come formulare il problema, preparare i dati necessari e valutare e implementare i modelli. Cosa Imparerai Python e le librerie per la manipolazione dei dati Gestire un progetto di apprendimento automatico Apprendimento supervisionato e non supervisionato Riduzione della dimensionalità e tecniche ensemble Reti Neurali e apprendimento semi-supervisionato