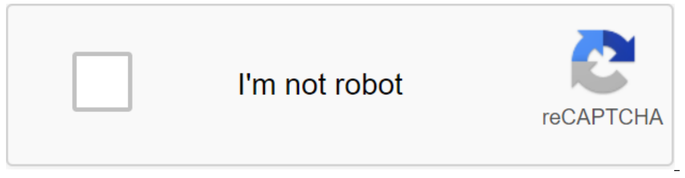

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Sign up to get a daily preparation of top tech history! TL;DR: Sharpen your programming skills with a full Python E-book and video course bundle for $29.99, a 96% savings compared to July 2. As 2020 has made clear, no one can realistically predict the future. But there are people who come quite close, and their profession may surprise you. Data scientists (yes, you're reading this right) can practically predict the future of some industries using big data and a coding language called Python. Knowing this, it's not hard to see why Glassdoor named these scientists the third most desirable job in the U.S., with more than 6,500 holes, an average base salary of $107,801, and a job satisfaction level of 4.0. If you are looking for a new career path with a beautiful salary and the ability to basically predict the future, check out this e-book and course bundle to get started. This package contains five e-books about Python, AI, Deep Learning and more, as well as 17 hours of video content to get you up to speed on Python programming. You'll start with the basics of learning Python for data science, and then immerse yourself in more specialized topics such as deep learning and machine learning, artificial intelligence, and high-performance computing with libraries such as NumPy, SciPy and Cython. Next, you'll do some hands-on training with accompanying e-books based on open source TensorFlow 2, object-oriented programming, as well as a range of Python libraries like Panda, NumPy, matplotlib, seaborn, and sci-kit-learn for data authenticity, visualization and analysis, and scrapy and beautiful soup for web scraper. Don't worry if none of this makes sense to you yet. With Packt Publishing and instructor Ilyas Ustun, you'll analyze and visualize the data on time. Packt Publishing has a 4 out of a 5-star average rating of more than 303K students and has published over 6,500 books and videos providing IT professionals with the knowledge needed for new technologies and key skills. Ustin, a data scientist, has worked in various fields such as transportation, vehicle re-identification, smartphone sensors, motion detection and digital agriculture. Combine this with a passion for data-driven analytics solutions, and you have one excellent teacher. This Python e-book and video bundle is usually over $750, but you can get it for as little as $29.99 for a limited time. TL;DR: Python Power Coder BONUS kit sells for 26.89 pounds compared to June 17, saving 97% off the list price. If you thought data science was just a trend that would come and go, then you are very wrong. Data affects almost every aspect of your life, from playlists on Spotify, before Alexa answers, to skincare products that you use daily. And those who can understand thousands of cells of raw data and can consolidate them into action ideas will find will find climbing the corporate ladder pretty quickly. SEE ALSO: Master photography with this set of online classes If you can't go back to school to learn all about the science of data, then consider immersing himself in the world of online courses instead. They provide the information they need to start a career in this field and are taught by leading experts. And it will cost you less than the price of a textbook. Among the most comprehensive courses you can sign up for in digital format is the Python Power Coder package (currently sold for 26.89 euros). This Bootcamp data science consists of eight different topics, including a step-by-step guide to the popular Python programming language (which includes how to customize automation, fix common coding errors, and deployment), as well as understanding other core structures such as Apache Spark. The goal is that with these 70 hours of training under your belt, you will be able to navigate through the field of data science more easily and efficiently than you could before. In addition, you will also have the basic knowledge needed to start a coding career. And given how much money is on the table with work in this area, we think that 26.89 pounds is well spent money. Mastering machine learning is not easy, even if you're a crack programmer. I've seen a lot of people come from a solid background writing software in various fields (games, web, multimedia, etc.) thinking that adding machine learning to your skill list is another walk in the park. No. And each of them was alarmed. I see two reasons why machine learning problems are misunderstood. First, as the name implies, machine learning is software that learns by itself, rather than being instructed by the developer on each rule. It is a simplification that many media have little to no say about the actual problems writing machine learning algorithms often use when it comes to trading ML. Read: How the Dutch government uses data to predict weather and prepare for natural disasters The second reason, in my opinion, are many books and courses that promise to teach you everything and everything from machine learning to a few hundred pages (and ads on YouTube that promise a clean machine learning job if you take an online course). Now, I'm not that to denigrate any of these books and courses. I've reviewed some of them (and will consider a few more in the coming weeks) and I think they are invaluable sources in order to become a good machine learning developer. But they are not enough. Machine learning requires both good coding and mathematical skills, as well as a deep understanding of different types of algorithms. If you do Python machine learning, you have a deep knowledge of many libraries, and master many of the programming and memory management of memory Language. And contrary to what some people say, you can't escape math. And all this cannot be summed up in a few hundred pages. Instead of one volume, a complete guide to machine learning is likely to look like Donald Knut's famous Art of Computer Programming series. So, what's this all the tirade for? In my research into data science and machine learning, I'm always on the lookout for books that take a deep dive into topics that skim more common, all-encompassing books. In this post, I'll be looking at Python for data analysis and practical statistics for data scientists, two books that will help deepen your team of coding and mathematical skills required to master Python machine learning and data science. Python data analysis python data analysis, 2nd edition, is written by Wes McKinney, creator of Pandas, one of the key libraries that use Python machine learning. Machine learning at Python involves downloading and pre-processing data in pandas before feeding them to your models. In Python for data analysis, McKinney takes you through all the panda functionality and manages to do so without making it read as a reference guide. There are many interesting examples that build on each other and help you understand how different panda features link together. You'll go in depth on things like cleaning, joining, and visualizing datasets, topics that are usually only briefly discussed in most machine learning books. Most books and machine learning courses provide introductions to basic panda components such as DataFrames and Series, as well as some key features such as downloading data from CSV files and clearing lines with missing data. But the power of pandas is much wider and deeper than what you see in the chapter worth of code samples in most books. You can also explore some very important issues, such as memory management and code optimization, which can be a big deal when you process very large datasets in machine learning (which you often do). What I also like about the book is the sophistication that went into choosing items to fit in 500 pages. Although much of the book is devoted to pandas, McKinney took care to supplement it with materials about other important libraries and Themes of Python. You'll get a good overview of massively oriented programming with numpy, another important Python library, often used in machine learning in concert with pandas, and some important techniques in using Jupyter Notebooks, the tool of choice for many data scientists. All this said, don't expect Python to analyze the data to be a very fun book. It can get boring because he's just discussing working with the data (which, the most boring part of machine learning). There won't be any end-of-life examples where where see the result of learning and using a machine learning algorithm or integrating models into real applications. My recommendation: You should probably pick up a Python for data analysis after going through one of the introductory or cutting-edge books on data science or machine learning. Having that introductory background about working with Python machine learning libraries will help you better understand the techniques put in the book. Practical Statistics for Data Scientists While Python for Data Analysis improves your data processing and coding skills, the second book we will be reviewing, Practical Statistics for Data Scientists, 2nd Edition, will be the perfect resource to deepen your understanding of the basic mathematical logic of many key algorithms and concepts that you often deal with when performing data science and machine learning. But again, the key here is specialization. The book begins with simple concepts such as different types of data, tools and medians, standard deviations and percentile. It then gradually takes you through more advanced concepts such as different types of distributions, sampling strategies, and value testing. All these concepts you probably learned in a math class or read about in data science and machine learning books. On the one hand, the depth that practical statistics for data scientists brings to each of these topics is greater than you'll find in machine learning books. On the other hand, each topic is introduced along with coding examples in Python and R, making it more appropriate than classic statistical textbooks. In addition, the authors have done a great job of masking how different terms are used in data science and other fields. Each theme is accompanied by a box that provides all different synonyms for popular terms. As you go deeper into the book, you will immerse yourself in the mathematics of machine learning algorithms such as linear and logistical regression, K-coming neighbors, trees and forests, and K-media clustering. In each case, as in the rest of the book, more attention is paid to what happens under the hood of the algorithm, rather than using it for applications. But the authors again found that chapters are not read like classic math textbooks, and formulas and equations are accompanied by good examples of coding. Like Python for data analysis, practical statistics for data scientists can get a little boring if you read it from end to end. There are no interesting applications or a continuous process in which you build your code through chapters. But on the other hand, the book has been structured so that you can read any of the sections yourself without having to go through previous chapters. My recommendation: Read the practical for data scientists after you leave the introductory book on data data machine learning. I definitely recommend reading the whole book once though, to make it more enjoyable, go the topic in between researching other machine learning courses. Also, keep it handy. You will probably go back to some chapters from time to time. Some final thoughts I would definitely count Python for data analysis and practical statistics for data scientists like the two are sure to read for those who are on the path of learning data science and machine learning. While they may not be as exciting as some of the most practical books, you will appreciate the depth they add to your coding and math skills. This article was originally published by Ben Dixon on TechTalks, a publication that examines technology trends, how they affect the way we live and do business, and the problems they solve. But we're also discussing the evil side of technology, the darker implications of new technologies and what we need to look at. You can read the original article here. Published July 8, 2020 - 09:49 UTC UTC buy learn python 3 the hard way pdf

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