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Description

Toalt new for programming? No worries, this course is aimed at beginners, and shows you detailed examples of how to encode with Python, one of the most common and most powerful general languages around. If you've ever had an interest in programming, here's where to start! Access 93 lectures and 5.5 hours of content

24/7 Learn Python basics through exercises Discover variables, strings, lists and more Explore tuples, dictionaries, decision-making statements, and more Vignesh Rajendiran has a bachelor's degree in mechanical engineering, and changed his profession to become a software developer because of his passion for programming. He learned to program online (mostly self-taught) and now works as a software engineer in a multinational company. Vignesh learns on many online platforms to share his knowledge with others, who are also trying to achieve their passion towards programming. Details and requirements How long users can access this course: lifetime access options: online streaming, mobile streaming Completion certification not included Redemption deadline: Redeem code within 30 days of purchase Experience level required: All levels of Terms Udemed licenses can be returned for store credit within 30 days of purchase. Once the license is redeemed, all sales are final. Description

Compal learning gives you extremely powerful insights into data, and has become so ubiquitous that you see it almost all the time while browsing the internet without even knowing it. Implementations of machine learning are as varied as recommendation systems for self-driving cars. In this course you will be introduced to a unique mix of projects that will teach you what machine learning is all about and how you can use Python to create machine learning projects. Access 26 lectures and 3 hours of content

24/7 Work on six independent projects to help you master machine learning in Python Cover concepts such as classification, Regression, clusters and more Use various machine learning algorithms Master Python's packages and libraries to facilitate calculation Implementing your own machine learning models Alexander T. Combs is an experienced data scientist, strategist and developer based on economic data mining, natural language processing and generation, and quantitative and statistical. He is currently a full-time leading instructor for a computer science immersion program in New York City. Details and requirements How long users can access this course: lifetime access options: online streaming, mobile streaming Completion certification not included Redemption deadline: Redeem code within 30 days of purchase Experience level required: All levels of Terms Udemed licenses can be returned for store credit within 30 days of purchase. Once the license is redeemed, all sales are final. Description

Machine learning is in the modern, data-driven world. It is used in search engines, robot cars, self-driving cars and many more cases. In this course, you will learn how to perform different machine learning tasks in many different environments. Focusing on real-world scenarios, you'll learn how to solve real problems and use Python to implement algorithms. Access 97 lectures and 4.5 hours of content

24/7 Deal w/ different types of data and explore the differences between machine learning paradigms Cover a variety of regression techniques, classification algorithms, predictive modeling and more Use real-world examples to solve real-world problems Prateek Joshi is an artificial intelligence researcher, published author of five books and TEDx speaker. He is the founder of Pluto AI, a venture-funded Silicon Valley startup building an analytics platform for smart water management driven by deep learning. His work in this field has led to patents, technical demos and research articles at major IEEE conferences. He has been invited speaker at technology and entrepreneurship conferences, including TEDx, AT&T Foundry, Silicon Valley Deep Learning and Open Silicon Valley. Prateek has also been a guest writer in prominent technology magazines. His tech blog (www.prateekjoshi.com) has received more than 1.2 million page views from 200 overland and has over 6,600+ followers. He often writes about topics such as artificial intelligence, Python programming and abstract mathematics. He is an avid coder and has won many hackathons utilizing a wide range of technologies. He graduated from the University of Southern California with a master's degree specializing in artificial intelligence. He has worked at companies such as Nvidia and Microsoft Research. You can learn more about him on his personal website on www.prateekj.com. Details and requirements How long users can access this course: lifetime access options: online streaming, mobile streaming Completion certification not included Redemption deadline: Redeem code within 30 days of purchase Experience level required: All levels of Terms Udemed licenses can be returned for store credit within 30 days of purchase. Once the license is redeemed, all sales are final.

You're not a programmer. You have zero code experience. You probably consider yourself not a math person. So let's figure out how to learn Python, even if you've never had any exposure to a programming language. You embark on a great journey!First of all, congratulations! You've made a good choice! Python is the perfect programming language for people without a coding experience. It has a simple syntax, making it very accessible to beginners. Scripts written in Python are human-friendly; you can read Python code as you would read English commands. Furthermore, Python is a highly versatile programming language that can be used just about anything. Do you want to automate routine tasks? Interested in data analysis and visualization? Want to become a web developer or mobile app developer? Python is great for some of these tasks. Thus, it is a big step towards a more successful career to decide to learn a programming language like Python. How to start learning PythonSo, you've decided to learn Python, and that's great! But most likely to learn Python is not going to be your only task. Chances are you also have a full-time job, you're a student, or you have to take care of your family. Or all of the above. You probably don't have time to read thick textbooks and take detailed notes. You definitely have to find the easiest way to learn Python. Here are some ways to spend less time studying and still get good results:How to Polish Python BasicsRepairing your own practice projects! When you feel more confident with the basics of Python, you start on your own projects. This will give you extra motivation, since you can choose a topic you are excited about. Working on a project will give you a chance to apply your knowledge to real-world tasks. And it's inspiring when you can do something useful with code. Finally, you'll probably face challenges when working on your project. This can mean dozens of attempts before the code starts to work and quite a few questions asked on Stack Overflow. But it also means that you will learn many new things. Where to learn PythonDe days, the number of study resources available online is overwhelming. Platforms such as Coursera, edX, Udemy and Udacity offer tons of Python courses. However, these often lack interactivity and can be too challenging for students without AN background. On the other hand, sites like HackerRank, TopCoder, and Coderbyte let you practice your skills. Unfortunately, they usually lack explanations, making them less suitable for beginners. (You may want to visit these platforms after building some programming foundations.) Vertabelo Academy offers highly engaging courses in Python, R and SQL. Here are their great advantages: These courses are available to beginners, especially those without AN background. There are hundreds of interactive exercises, so you get a lot of training. Each exercise comes with a detailed explanation and help if you need it. You can discuss exercises with the learning community and Vertabelo's experts. The learning experience is carefully designed, with structured courses specifically designed to build your coding confidence. Source: Python Basics. Part 1 - Exercise 3If you're at the very beginning of your Python journey, start with: If you're interested in data analysis and data science, we also recommend the introduction to Python in computer science. Check out the other fully interactive courses from Vertabelo Academy. Or read about How to Use Python Dictionaries: Vertabelo GuideHappy Learning! Subscribe to get your daily summary of top-tech stories! I am Java programmer, blogger on and guys, If you follow my blog regularly, or read my articles here at HackerNoon, then you may wonder why do I write an article to tell people to learn Python? Didn't I ask you to prefer Java over Python a couple of years ago? Well, things have changed a lot since then. In 2016, Python replaced Java as the most popular language in colleges and universities, and since then it has never looked back. Python grows and grows big time. If you're reading programming and technology news or blog posts, you may have noticed the rise of Python as many popular developer communities, including StackOverFlow and Codecademy have mentioned the rise of Python as a major programming language. But the biggest question is why a programmer should learn Python? Python grows, Okay, that's great, but that doesn't mean Java goes down or C++ is falling. Well, I'm a proud Java developer and it's my favorite programming language and always stays, but that doesn't stop us from learning potential new tools and programming languages, which will make you a better programmer and Python fits that bill. For beginners it's easy, start with Python because it's easy to learn and powerful enough to build a web application and automate the boring thingsActual, a couple of years back, scripting was the main reason to learn Python, and that was also the first and foremost reason why I attracted Python and preferred it over Perl, another popular scripting language at the time. For experienced programmers or someone who already knows Ruby, Java or JavaScript, it means teaching Python to acquire a new and powerful tool in your arsenal, and I haven't yet come up with a programmer who says no to a tool, and that's the right way to see when you're learning a new programming language. As mentioned in the classic Automate the Boring Stuff with Pythonbook, Python gives you the opportunity to automate trivial things and allows you to focus on more exciting and useful things. If you haven't read the book yet, I'll go and read it, it's worth your time. There is also an online course with the same title, just in case if you prefer courses over books. If you're a Java developer, you can do it with Groovy too, but Groovy doesn't offer you what Python in terms of its wide range in APIs, libraries, frameworks and domains like Data Science, Machine learning and Web Development.If you've already decided and just want to start with Python right now, I suggest you take a look at the One Month Python Course by Chris Castiglione, one of the easiest courses for become a python developer in 30 days? Why each Should teach Python? If you're thinking of learning Python, but not sure why you should do it, then there are ten reasons that highlight the benefits of learning Python.Even, the questions depend on who asks it, that is, for a beginner, it makes sense to learn Python because the simple and important reason to learn Python is simplicity. Similarly, for an experienced programmer who wants to enter Data Science and Machine learning, it makes sense to learn Python because it quickly becomes the most widely used programming language, and there are powerful APIs and libraries available for AI, Data Science and Machine learning. Anyway, without further ado, here are my ten reasons to teach Python for Software engineers: 1. Data ScienceThis is the only, biggest reason why many programmers learn Python. I know that many of my friends who are bored with their Java programming jobs in investment banks, Python teaches at Udemy to make a career in Data Science because of exciting work and high pay. But what makes Python a preferred language for computer science and machine learning? Wasn't R considered the best for it not so long ago? Well, I think the libraries and framework Python offers, like Pandas, PyBrain, NumPy and PyMySQL on AI, DataScience and Machine learning, is one of that grounds. Another reason is diversity; The Python experience allows you to do much more than R that you can create scripts to automate things, go into web development and so much more. If you're interested in becoming a computer scientist and looking for pointers, I suggest you check out Data Science, Deep Learning, & Machine Learning with Python courses on Udemy. I have bought this course and it is one of the wonderful resources. You can get it at less than \$10 sometimes.2. Machine LearningThis is another reason why programmers learn Python. The growth of machine learning has been phenomenal over the last couple of years, and it is rapidly changing everything around us. Algorithms become sophisticated day by day; The best example is Google's search algorithms, which can now respond to what you expect. There are Chatbots around to answer your questions, and Uber is completely powered by Algorithms.If you're interested in machine learning, want to do a pet project, or just want to play around, Python is the only major programming language that makes it easy. Although there are machine learning libraries available in Java, you'll find more content around Python, as the developer community prefers Python above all else about computer science and machine learning. If you are interested in doing web development with Python, I suggest you check the Input Research A-Z™: Hands-On Python & R In Data Science course at Udemy3. WebDevelopmentThe good old development is another reason to learn Python. It offers so many good libraries and frameworks, such as Django and which makes web development very easy. The task that takes hours in PHP can be completed in minutes on Python. Python is also widely used for web scraping. Some of the popular sites on the Internet, like Reddit, are built using Python.If you are interested in web development using Python, I suggest you join the Python and Django Full Stack Web Developer Bootcamp course by JoshPortilla.In fact, there is a free Python course on Udemy, which will teach you that while teaching Python.4. SimplicityThis is the biggest reason for beginners to learn Python. When you first start programming and coding, you won't start with a programming language that has tough syntax and weird rules. Python is both readable and simple. It is also easier to set up; you do not need to deal with any classpath issues like Java or compiler issues like C++. Just instal Python and you're done. While installing, it will also prompt you to add Python to PATH, which means you can run Python from anywhere on your machine.5. Large communityYou need a community to learn new technology, and friends are your greatest asset when it comes to learning a programming language. You often get stuck with one problem or another, and that time you need a helping hand. Thanks to Google, you can find the solution to your Python-related problem in minutes. Communities like StackOverflow also bring many Python experts together to help newcomers.6. Libraries and frameworksA of the similarities between Python and Java is the large number of libraries, frameworks, and open source modules available to do what you want to do. It makes application development very simple. Imagine creating a web application without Spring in Java or Django and Flask in Python. It makes your job easy, since you just need to focus on business logic. Python has many libraries for different needs. Django and Flask are two of the most popular for web development, and NumPy and SciPy are for Data Science.In fact, Python has one of the best collections of machine learning and computer science libraries like TensorFlow, Scikit-Learn, Keras, Pandas, and many more. To learn more about Python machine learning libraries, I suggest joining the Python for Data Science and Machine Learning Bootcamp course, one of my favorites.7. AutomationWhen I first found out about Python was because of one of my scripting needs. I was working on an application that receives messages over UDP and there was a problem, we did not see messages in the log. I wanted to check if we receive any UDP traffic on that box and that port or not, but I could not find a convenient UNIX command to do so. One of my friends, sitting next to me, taught Python, and he wrote a tool in just 5 minutes to capture UDP messages using one of the Python modules. I was impressed by the time it took for him to such a tool, but it only highlights the power of Python when it comes to writing scripts, tools and automating things. If you seriously want to know how much Python helps with automation, my favorite place is Automate the boring stuff with python book, simply amazing book.8. Multipurpose One of the things I like about Python is the knife nature of the Swiss army. It's not related to just one thing, such as R, that's good at computer science and machine learning, but nowhere when it comes to web development. Learning Python means you can do many things. You can create web applications using Django and Flask, Can do data analysis using NumPy, Scipy, Scikit-Learn and NLTK. At a minimum, you can use Python to write scripts to automate many of your daily tasks.9. Jobs and GrowthPython are growing very fast and large, and it makes a lot of sense to learn a growing programming language if you just start your programming career. It not only helps you get a job quickly, but also it will also accelerate your career growth. IMHO, for beginners, after simplicity, this should be the main reason to learn Python10. SalaryPython developers are one of the highest paid developers, especially in Data Science, Machine learning, and web development. On average, they are also very well paid, ranging from 70,000 USD to 150,000 USD, depending on their experience, location and domain. If you're interested in learning more about high-paying technology jobs, I suggest checking my previous post about the top paid technology jobs for Software Engineers.Useful Resources to Learn PythonIf you decide to learn Python, here are some of the helpful Python books, courses and tutorials to start your journey in the beautiful world of the python. And if you're still not convinced to learn Python, then look at this picture, it shows the right life of a Python developer: It's about some of the important reasons to learn Python in 2020. As I said, it is important to know programming and coding in today's world, and if you do not know how to code, you lack something, and Python is a great way to start learning to code. For programmers who already know Java or C++, Python not only teaches you make you a Polyglot programmer, but also gives you a powerful tool in your arsenal to write scripts, create a web application and open the door on the exciting field Data Science and Machine Learning.In card, if you could learn only one programming language, and then make it to Python, and to begin with, The Complete Python Masterclass is the best course. Other Programming articles you may likeCloseThanks, You made it to the end of the article ... Good luck with your Python journey! It is certainly a big decision and pays you a lot in your near future. I have also shared some resources to learn Python for Data Science, Learning, web development and general scripting work, so take advantage of it. Btw, I will also get paid if you buy some courses that are not free using links in this article. If you like this article, then you can share it with friends and colleagues, and don't forget to follow javarevisited on Twitter and javinpaul on Medium!P. S. - Do you want to be python developer in 30 days? If Yes, then you can also check out the One Month Python Course by Chris CastiglioneP.P.S. — If you need some FREE resources, check out this list of free Python courses to start your programming journey. Subscribe to get your daily round up of top tech stories! Stories!

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