



HOW TO LEARN PYTHON

WITHOUT A PROGRAMMING BACKGROUND

STUDY EACH & EVERY DAY

Whether you're learning a new language, studying coding, or starting an exercise routine, consistency, and commitment are very important. Even if you don't have much time to spare, try to code at least half an hour every day. Your discipline will pay off.

TAKE BRIEF NOTES

After a dozen tries, you have finally cracked that exercise. Now write down the correct code and any notes about what you've learned. Writing code by hand might seem very outdated, but it's actually very helpful. Studies show that people are more likely to remember things they've handwritten rather than things they've typed. Moreover, in job interviews, applicants are often asked to write a piece of code on a whiteboard. If you have some experience writing code by hand, you'll feel less stressed when this comes up during a job interview.

DO LOTS OF INTERACTIVE EXERCISES

Reading extensively about Python data structures will not help you much. Neither will simply watching long video lectures. When you are learning a new programming language, practice is the key to success. Even if you have no programming experience at all, start writing code from the very beginning. Coding is really fun! And luckily, it is also the fastest learning path. With interactive exercises, you learn by trying multiple times, realizing your mistakes, and getting better with every new exercise.

EXPLAIN TO OTHERS

Python is definitely not the first thing that you've ever studied. So you've probably already noticed that the best way to ensure you understand a concept is to explain it to others. This is also true when you learn Python. If you're learning on your own and don't have anyone to talk Python with, you can always write a blog post or record a video explaining a new concept.

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ASK QUESTIONS

Asking questions is the most natural part of the learning process. Don't worry if you don't know anybody who can answer your Python-related questions. Programming languages are often studied online, and there are online platforms dedicated specifically to code-related questions. Stack Overflow is the most popular. However, it is very important to ask questions in the right way. If you encounter a coding problem that you need help with, start by providing the context. Then list what you've already tried and describe the error you're getting.

CREATE YOUR OWN PRACTICE PROJECTS

After you feel more confident with the basics of Python, start on your own projects. This will give you additional motivation, since you can select a topic that you're 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.



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Vertabelo Academy offers very engaging courses in Python, R, and SQL. Here are their major advantages:

1. These courses are **accessible** to beginners, especially those without an IT background.
2. There are hundreds of **interactive exercises**, so you'll get lots of practice.
3. Each exercise comes with a **detailed explanation** and help if you need it.
4. You can **discuss exercises** with the learning community and Vertabelo's experts.
5. The learning experience is carefully crafted, with **structured courses** that are specifically designed to build your coding confidence.