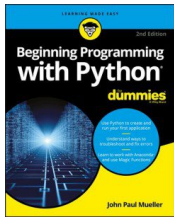


Tailored Skills

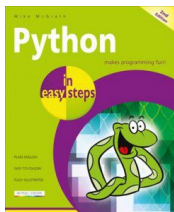


Learn: Python Coding and Programming

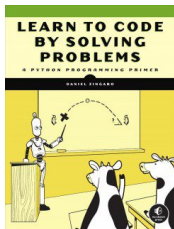
Books for Beginners



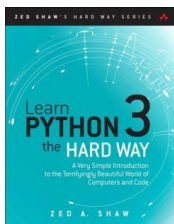
Beginning programming with Python for dummies
by John Mueller
Gets you up and running with Python quickly, starting with the basics.



Python in easy steps
by Mike McGrath
A beginner's guide to programming in the Python language covers everything from how to install and use the free Python interpreter to creating and deploying graphical windowed applications



Learn to code by solving problems : a Python-based introduction
by Daniel Zingaro
Teaches readers how to use Python to solve short, situational competitive programming problems.



Learn Python 3 the hard way : a very simple introduction to the terrifyingly beautiful world of computers and code
by Zed Shaw
Short exercises to take readers through a course of instruction that creates working software, exercises

thoroughly tested with real students to verify that they work and a bit of humor and inside jokes that will make readers laugh while they are learning.

Online Library Resources



LinkedIn Learning
LinkedIn Learning (formerly known as Lynda.com) contains thousands of self-paced online courses that you can use to learn more about business, CAD, design, education, hardware and software, technology, video, web design and much more.
NOTE: To sign in, use your last name as your PIN.

Beginner Python Courses on LinkedIn Learning

- [Python Quick Start](#)
- [Learning Python](#)

Intermediate courses include:

- [Python Essential Training](#)
- [Using Python with Excel](#)
- [Python Data Analysis](#)
- [Python Statistics Essential Training](#)
- [Python for Data Visualization](#)
- [Python for Data Science Essential Training Part 1, Part 2](#)

Learning Paths (Longer series of courses)

- [Advance Your Skills in Python](#)
- [Advance Your Skills as a Python Data Expert](#)
- [Master Python for Data Science](#)
- [Become a Python Developer](#)



Kanopy
Kanopy offers over 30,000 films, TV shows, and documentaries that you can stream in your browser or watch on iOS, Android, Chromecast, AppleTV, Kindle Fire, or Roku. From The Criterion Collection, PBS, and World Cinema to The Great Courses, Independent Film, and Pee-Wee's Playhouse, Kanopy has something for everyone. You can check out 6 titles per month. Once a title is checked out, you have unlimited viewing of it for the next 3 days.

Your learning made to fit.

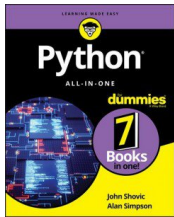


Tailored Skills



Learn: Python Coding and Programming

Intermediate Learning Books

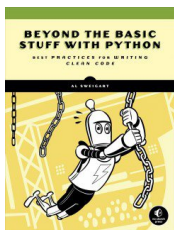


Python all-in-one for dummies

by John C. Shovic

A comprehensive reference on Python and how to employ it in a number of applications covers Python basics, building blocks, and libraries as well as how Python

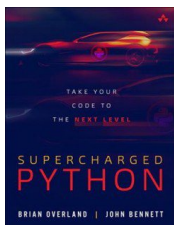
enhances the worlds of artificial intelligence, data science, and robotics



Beyond the basic stuff with Python : best practices for writing clean code

by Al Sweigart

Go from beginner programmer to Python programmer by using this book to level up your skills to an intermediate level.

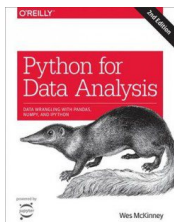


Supercharged Python : Take Your Code to the Next Level

by Brian Overland

The authors start with simple examples and carefully build more complex applications and cover such advanced topics as text formatting, regular expressions and chart

plotting.



Python for data analysis : data wrangling with pandas, NumPy, and IPython

by Wes McKinney

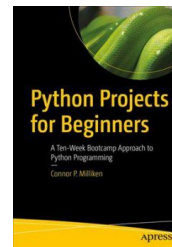
Presents case studies and instructions on how to solve data analysis problems using Python, in a book that explains how to: use the

IPython shell and Jupyter notebook for exploratory computing; learn basic and advanced NumPy (Numerical Python) features; get started with data analysis tools in the pandas library; create visualizations with matplotlib; and more.

Community Resources

Oklahoma City Community College offers an 8-week Introduction to Scripting course several times a year. Apply and register at thinkoccc.com. There is a fee associated with this course.

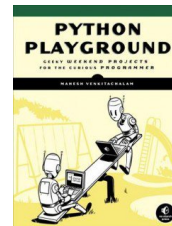
Project Books



Python Projects for Beginners : A Ten-Week Bootcamp Approach to Python Programming

by Connor P. Milliken

Learn key concepts and gain hands-on experience through a series of ten weekly projects.



Python playground : geeky projects for the curious programmer

by Mahesh Venkitachalam

Provides instructions for programming projects using Python that teach such programming skills as how to leverage external libraries

for specialized tasks, how to break problems into solvable pieces, and how to translate an algorithm into code.

Online Resources

Python.org

The official home of Python includes many resources for both new and experienced programmers, including a [beginners guide](#), [documentation](#), and [free downloads](#).

Probability and Statistics in Data Science using Python

This EdX online course is taught 3X per year by professors from UC San Diego. The course is free to take but there is a \$350 fee to receive the optional certificate.