COURSE SYLLABUS

Python Certification (Self-Paced)

In this self-paced certification program, you'll master core Python concepts, work with real-world datasets, and complete hands-on projects designed to prepare you for the Certified Associate in Python Programming (PCAP) exam.

> Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://sdfm.graduateschool.edu/certificates/python-certification-self-paced



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Course Outline

This package includes these courses

Python for Data Science Bootcamp (Self-Paced) (30 Hours)

Attend one of the courses below for free as part of this certificate. Choose your date after you register for the program.

- Python for AI (Self-Paced)
- Python Machine Learning Bootcamp (Self-Paced)
- Python Data Visualization & Interactive Dashboards (Self-Paced)

Python for Data Science Bootcamp (Self-Paced)

- Handle different types of data such as integers, floats, and strings
- Control the flow of your programs with conditional statements, loops, and functions
- Reuse and simplify code with object-oriented programming
- Analyze tabular data with NumPy and Pandas
- Create graphs and visualizations with Matplotlib
- Make predictions with linear regression, using scikit-learn