

Python for Automation

Learn how to use Python to extract data from websites and write loops for processing a large number of pages. This course covers topics such as HTML and CSS, Python fundamentals, web scraping exercises, storage and scheduling, and real-life examples of scraping valuable data.

For more information, visit

<https://cl2.nobledesktop.com/classes/python-automation-courses-nyc>



support@creativelive.com • [302-217-6585](tel:302-217-6585)

Course Outline

Section 1

Introduction to HTML/CSS (Online)

- How a website is served
- Anatomy of a web page
- HTML tags
- IDs
- CSS classes

Python Part 1

- Integers + Floats
- Variables
- Strings
- Methods + Functions

Section 2

Web scraping Exercise Part 1

- Introduction to using packages
- Requests packages
- Performing a GET request
- String manipulation
- Debugging a Python script

Python Part 2

- Booleans
- Conditional Statements

- Lists
- Indexing into strings + lists
- Looping over lists

Section 3

Web scraping Exercises Part 2

- Beautiful Soup package
- Honing in on data
- Common web scraping pitfalls
- Using loops in web scraping

Storage and Scheduling

- Text files
- CSVs
- Scheduling a Python Script