

Python for Automation

Learn Python to extract data from websites. Along the way, you'll learn how to write loops so that your web scraping code can process a large number of pages.

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

Webscraping Exercise Part 1

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

Python Part 2

- Booleans
- Conditonal Statements
- Lists
- Indexing into strings + lists
- Looping over lists

Section 3




Webscraping Exercises Part 2

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

Storage and Scheduling

- Text files
- CSVs
- Scheduling a Python Script

Contact

 212-684-5151  nyc@careercenters.com  www.careercenters.com