

Outline

Tuesday, October 15, 2024 7:47 PM

Pre-requisites:

- Basic knowledge of Python and Pandas
- Basic understanding of how the web works
- Basic knowledge of HTML

Quick Links for Reference:

- Session 1 on Basic working of Web - [link](#)
- Session 2 on Data Cleaning - [link](#)

Course Structure:

1. Introduction to Web Scraping

- *What is web scraping?*
- *Ethical Considerations*
- *Data on the web*
- *Tools for web scraping*

2. Setting up Python environment

- *Anaconda*
- *Installing necessary libraries*
- *Environment setup*

3. Primer on Web

- *How websites interact*

- *HTTP methods*
- *Status codes*



4. Interacting with the Web using Requests

5. HTML parsing using BeautifulSoup

6. Web Automation using Selenium

7. Case Study: A Complete Web Scraping Project