

Scraping websites with Python

Video link : <https://www.youtube.com/watch?v=TTzcXj92zaw>

Notebook Link:

<https://colab.research.google.com/drive/1Kwi14Twb6cnPPu850dKuo1VtTctoBqG5>

Libraries Used:

- **BeautifulSoup:** BeautifulSoup is a Python library that is used for **web scraping purposes to pull the data out of HTML and XML files**. It creates a parse tree from page source code that can be used to extract data in a hierarchical and more readable manner. <https://beautiful-soup-4.readthedocs.io/en/latest/#>
 - **Requests:** Requests will allow us to **send HTTP/1.1 requests using Python**. With it, we can add content like headers, form data, multipart files, and parameters via simple Python libraries. <https://docs.python-requests.org/en/latest/>
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Some important syntaxes:

To load the webpage:

```
r = requests.get("url")
```

To convert this `Response object` to beautifulsoup object:

```
Soup = BeautifulSoup(r.content)
```