

EXCEPTIONS

1. Only can scrape Static websites (BeautifulSoup):

BeautifulSoup is really good at parsing static html web pages. Which is really good for what I was trying to achieve with this project. But as the project research went on I learned it is not good with parsing dynamic web pages. It can only scrape static websites because it works by parsing the HTML content of a webpage that is returned as a response to an HTTP request. The problem begins and ends with JavaScript.

Static websites are web pages that are already pre-built and saved on a server as HTML files. Since static websites do not have dynamic content, the HTML code is fixed and does not change with user interactions or server-side updates.

If the next student wants to make a web application that can scrape dynamic websites I would recommend libraries such as Selenium WebDriver or Puppeteer to interact with the website and extract the data you might be looking for.

2. Providing various text analysis (Only have one: TextBlob)

Due to time restrictions I was only able to get one type of text analysis working. The library is called TextBlob. I researched a library like this because Dr. Diederich recommended using sentiment analysis with my project when I pull the data from certain websites. TextBlob is a library that was somewhat difficult to understand so it took a little time to get it down. I only have one option for text analysis, instead of various in this case.