How to extract data from a website

Webscraper.io

➔ https://chatbotslife.com/how-to-quickly-scrape-web-data-to-make-your-health-focused-chat-bot-useful-cefdce16358c
➔ https://webscraper.io/
➔ Click on data in the website you want to extract, (see upper link on precise instructions), then it will export it into .csv format. This could work in extracting opening hours, for instance. This is a free chrome-extension.

Octoparse.com

➔ https://www.octoparse.com/
➔ Allows you to scrape web data without having to do any coding. You point and click, and it extracts the data directly onto a spread sheet. You click to select what you want to collect and then you get the data already sorted (csv, excel or api)
➔ **Features:**
  The tool provides support to mimics a human user while visiting and scraping data from the specific websites

  Ad Blocking feature to extract data and filter out the ads on a page

  Works on cloud or from your machine

  Many export formats for your scraped data in TXT, HTML CSV, or Excel

Scraping-bot.io

➔ Scraping Bot is a great tool for web developers who need to scrape data from a URL, it works particularly well on product pages where it collects all you need to know (image, product title, product price, product description, stock, delivery costs etc..). It is a great tool for those who need to collect commerce data or simply aggregate product data and keep it accurate.
➔ Features:
  Headless chrome
  Response time
  Concurrent requests
  Allows for large bulk scraping needs.
➔ https://www.scraping-bot.io/documentation/

Sending an image as a reply

➔ https://www.youtube.com/watch?v=_qWaJIilIjU&ab_channel=codedamn

Data Miner

➔ Chrome extension that helps you scrape data from web pages and into a CSV file or Excel spreadsheet.
➔ https://data-miner.io/

Instant Data Scraper

➔ https://chrome.google.com/webstore/detail/instant-data-scraper/ofaokhiedipichpaobibbnahnkdoiiah/related
➔ Works, I tested it, but I don't know how useful it will be for our chatbot.

There are lots of these scrapers to be found as browser extensions.

Looked into automatically taking screenshots of website, but all of these services are paid services. Plus I'm not sure if it would be the best solution for our chatbot.

I think we should look into the web scraping option, I couldn't really figure it out, I don't think it does what we want it to.

If that doesn't really work, I think we should do it the "bad" way, which is taking screenshots of the information that we want on the website and having the chatbot respond with this picture. A possible concern is that we would need 7 different screenshots for every day of the week when answering a question about opening hours. More of these little things could come up if we were to integrate this.

Taking a screenshot with Python

➔ https://www.codegrepper.com/code-examples/python/screenshot+in+python
➔ This might be an option, the code allows you to specify which part of the screen you want to capture. This way, we might be able to integrate this and have the chatbot take a screenshot every time a question is asked, for which a picture would suffice as an answer. (Opening hours, location, etc.)

Maybe this can also be done with JavaScript? (Don't know if that would be easier)