how to scrape data in five minutes (using Python)

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what is web scraping

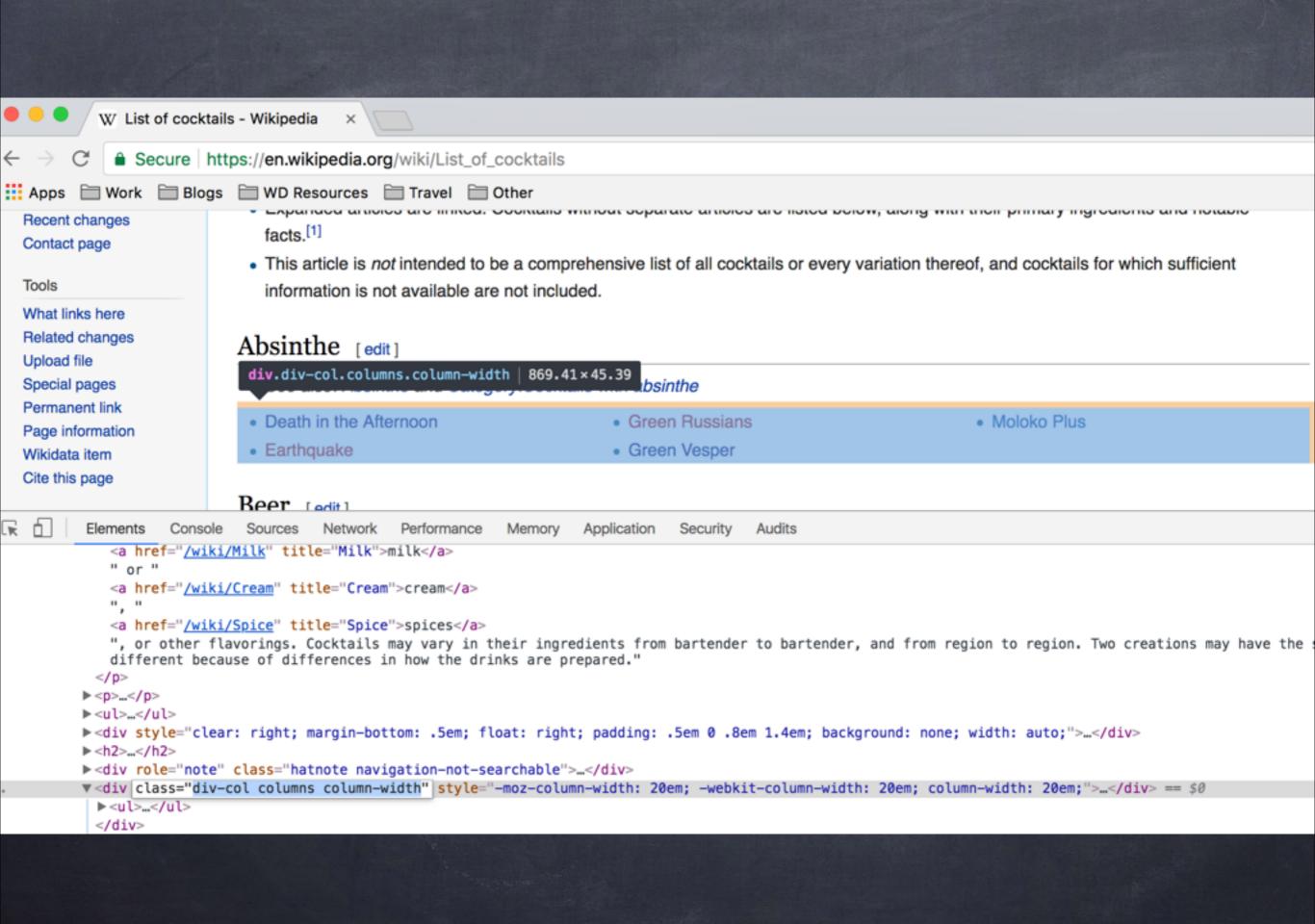
extract data from websites into a useful format



sample use cases

- o monitor pricing
- o track scores
- o automate data collection
- o conduct data experiment / research

step 1: know what you are scraping



step 2: connect to the page



(scrapevenv) \$ pip install requests

drinks.py

```
import requests
page = requests.get('https://en.wikipedia.org/wiki/List_of_cocktails')
html = page.text
```

siep 3: parse hemi

```
(scrapevenv) $ pip install beautifulsoup4
import requests
from bs4 import BeautifulSoup
def get_drink_links():
    page = requests.get('https://en.wikipedia.org/wiki
    soup = BeautifulSoup(page.text, 'html.parser')
    domain = 'https://en.wikipedia.org'
    drinks_in_categories = soup.find_all(
        "div", class_="div-col columns column-width")
    drink_recipe_links = []
    for category in drinks_in_categories:
        for link in category.find all('a'):
            # /wiki/Death_in_the_Afternoon_(cocktail)
            relative_url = link.get('href')
            recipe_link = f'{domain}{relative_url}'
            drink_recipe_links.append(recipe_link)
    return drink_recipe_links
```

thank you!