**Web Scraping:**

**"""Web scraping:**

**Web-scraping is the process of extracting data from websites by accessing the HTML of a page and**

**gathering specific information. In Python, popular libraries for web scraping include**

**BeautifulSoup, requests, and Scrapy.**

**Here’s a simple example using BeautifulSoup and requests:"""**

**# Install required packages if you don't have them**

**# pip install requests beautifulsoup4**

**import requests**

**from bs4 import BeautifulSoup**

**# Step 1: Send a GET request to the website**

**url = "https://en.wikipedia.org/wiki/Puneeth\_Rajkumar"**

**response = requests.get(url)**

**# Step 2: Parse the page's content using BeautifulSoup**

**soup = BeautifulSoup(response.text, 'html.parser')**

**# Step 3: Extract the data you need (e.g., title of the page)**

**page\_title = soup.title.string**

**print(f"Page title: {page\_title}")**

**# Example to find all the links on the page**

**links = soup.find\_all('a')**

**for link in links:**

**print(link.get('href'))**

**"""In this example:**

**We send a request to the website.**

**Parse the HTML content of the page.**

**Extract specific elements like the title and all the links (<a> tags). """**