**Assessment of Data Scraping**

**To define a Python script that fetches the web page contents and parses it using Beautiful Soup to generate a soup object. You can use different selectors with the soup object to find elements on the web page and extract the desired information from it**

import requests

import BeautifulSoup

**1: Fetch the webpage content**

url = "http://quotes.toscrape.com"

response = requests.get(url)

html\_content = response.text

**2: Create a BeautifulSoup object**

soup = BeautifulSoup(html\_content, "html.parser")

**3: Extract quotes**

quotes = soup.find\_all("span", class\_="text")

authors = soup.find\_all("small", class\_="author")

tags = soup.find\_all("div", class\_="tags")

**4: Display extracted data**

for i in range(len(quotes)):

print(f"Quote {i+1}: {quotes[i].text}")

print(f"Author: {authors[i].text}")

quote\_tags = tags[i].find\_all("a", class\_="tag")

tag\_list = [tag.text for tag in quote\_tags]

print(f"Tags: {', '.join(tag\_list)}")

print("-" \* 40)