

Q1. What is Web Scraping? Why is it Used? Give three areas where Web Scraping is used to get data.

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In [1]: # Ans-Web scraping is the process of collecting structured web data in an automated manner.
#       It's also widely known as web data extraction or web data scraping.
#       Some of the main use cases of web scraping include price monitoring,
#       price intelligence, news monitoring, lead generation, and market research among many others.
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Q2. What are the different methods used for Web Scraping?

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In [2]: # Ans:-there are many ways to perform web scraping to get data from websites.
#       These include using online services, special APIs, or even creating code for web scraping from scratch.
#       Many large websites, such as Google, Twitter, Facebook, StackOverflow, etc.
#       have APIs that allow you to access your data in a structured format.
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Q3. What is Beautiful Soup? Why is it used?

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In [3]: #Ans- Beautiful Soup is a Python package for parsing HTML and XML documents
#       (including having malformed markup, i.e. non-closed tags, so named after tag soup).
#       it creates a parse tree for parsed pages that can be used to extract data from HTML,
#       which is useful for web
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Q4. Why is flask used in this Web Scraping project?

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In [4]: # Ans-Flask is a lightweight framework to build websites. We'll use this to parse our collected data and display it as HTML in a new HTML file
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Q5. Write the names of AWS services used in this project. Also, explain the use of each service.

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In [ ]: # Ans-Amazon Simple Storage Service. ...
#       Amazon VPC. ...
#       AWS Beanstalk. ...
#       AWS Autoscaling. ...
#       Amazon CloudFront. ...
#       Amazon SNS. ...
#       AWS Lambda. ...
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In [ ]:
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