In [ ]:
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Que 1-
Q1. What is Web Scraping? Why is it Used? Give three areas where Web Scraping
is used to get data.
Ans 1-Web scraping, web harvesting, or web data extraction is data scraping
used for extracting data from websites. Web scraping software may directly
access the World Wide Web using the Hypertext Transfer Protocol or a web brows

used

Web scraping is used in a variety of digital businesses that rely on data
harvesting. Legitimate use cases include: Search engine bots crawling a site,
analyzing its content and then ranking it.


1)e-Commerance
2)Marketing
3)sport Analytics



Que 2-What are the different methods used for Web Scraping?
Ans 2-Web scraping tools are software (i.e., bots) programmed to sift through
databases and extract information. A variety of bot types are used, many being
fully customizable to: Recognize unique HTML site structures.



Que 3-What is Beautiful Soup? Why is it used?
Ans 3-Beautiful Soup is a Python package for parsing HTML and XML documents.
It creates a parse tree for parsed pages that can be used to extract data from
HTML, which is useful for web scraping

Que 4-Why is flask used in this Web Scraping project?
Ans 4-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. The
requests module allows us to send http requests to the website we want to
scrape. The first line imports the Flask class and the render_template method
from the flask library.

Que 5-Write the names of AWS services used in this project. Also, explain
the use of each service.
Ans 3-service used in the project are
1) Github
GitHub, Inc. is an Internet hosting service for software development and
version control using Git. It provides the distributed version control of Git
plus access control, bug tracking, software feature requests, task management,
continuous integration, and wikis for every project

2)codepipeline-

AWS CodePipeline is a fully managed continuous delivery service that helps you
automate your release pipelines for fast and reliable application and
infrastructure updates.

3)Beanstack
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AWS Elastic Beanstalk is an orchestration service offered by Amazon Web
Services for deploying applications which orchestrates various AWS services,
including EC2, S3, Simple Notification Service, CloudWatch, autoscaling, and
Elastic Load Balancers
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