In[3]:

**import**requests

**from**bs4**import**BeautifulSoup

**import**pandas**as**pd

**import**matplotlib.pyplot**as**plt

**import**seaborn**as**sns

*#Fetchthewebpage*

url**=**'https://example.com'response **=** requests**.**get(url)

*#ParsetheHTML*

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

*# Extract data (replace this with your own logic) # Example: Extract all headings from the webpage*

headings**=**[heading**.**text**for**heading**in**soup**.**find\_all(['h1','h2','h3','h4','h5','

*#Performbasicdataanalytics*

*#CreateaDataFramefromtheextracteddata*

df**=**pd**.**DataFrame({'Heading':headings})

*#Datacleaning(ifnecessary)*

*#Example:Removeduplicateheadings*

df**=**df**.**drop\_duplicates()**.**reset\_index(drop**=True**)

*#Datavisualization*

*#Example:Plotthefrequencyofeachheading*

plt**.**figure(figsize**=**(10,6))

sns**.**countplot(y**=**'Heading', data**=**df, order**=**df['Heading']**.**value\_counts()**.**index) plt**.**title('Frequency of Headings')

plt**.**xlabel('Count') plt**.**ylabel('Heading') plt**.**show()

