

```
import requests  
from bs4 import BeautifulSoup  
import pandas as pd  
import matplotlib.pyplot as plt
```

Fetch the HTML content:

```
url = 'https://example.com/blog'  
response = requests.get(url)  
html_content = response.text
```

Parse the HTML content:

```
soup = BeautifulSoup(html_content, 'html.parser')
```

Identify the HTML elements containing the data:

Inspect the webpage to find the HTML elements containing the blog titles, publication dates, and other relevant information.

Extract the data:

```
titles = []  
dates = []  
for post in soup.find_all('div', class_='post'):  
    title = post.find('h2').text  
    date = post.find('span', class_='date').text  
    titles.append(title)  
    dates.append(date)
```

Create a DataFrame:

```
data = {'Title': titles, 'Date': dates}  
df = pd.DataFrame(data)
```

Data Analysis:

You can perform various analyses on the scraped data. For example, you can plot the distribution of publication dates:

```
df['Date'] = pd.to_datetime(df['Date'])
df['Month'] = df['Date'].dt.month
monthly_counts = df['Month'].value_counts().sort_index()

plt.bar(monthly_counts.index, monthly_counts.values)
plt.xlabel('Month')
plt.ylabel('Number of Posts')
plt.title('Monthly Distribution of Blog Posts')
plt.show()
```