

```
import requests

from bs4 import BeautifulSoup

import pandas as pd

# URL of the website to scrape

url = 'https://www.examplewebsite.com/books'

# Send a GET request to the URL

response = requests.get(url)

# Parse the HTML content of the page

soup = BeautifulSoup(response.content, 'html.parser')

# Find all the book elements

books = soup.find_all('div', class_='book')

# Initialize lists to store data

titles = []

authors = []

prices = []

# Extract data from each book element

for book in books:

    title = book.find('h2').text.strip()

    author = book.find('p', class_='author').text.strip()
```

```
price = book.find('p', class_='price').text.strip()

titles.append(title)

authors.append(author)

prices.append(price)

# Create a DataFrame to store the scraped data
books_df = pd.DataFrame({
    'Title': titles,
    'Author': authors,
    'Price': prices
})

# Display the DataFrame
print(books_df.head())

# Perform basic data analytics
print("Total number of books:", len(books_df))
print("Average price:", books_df['Price'].mean())

# Visualize the distribution of prices
books_df['Price'] = books_df['Price'].str.replace('$', "").astype(float)
books_df['Price'].plot(kind='hist', bins=10, edgecolor='black')
plt.xlabel('Price ($)')
plt.ylabel('Frequency')
```

```
plt.title('Distribution of Book Prices')
```

```
plt.show()
```