Importing Libraries

```python
In [95]:   import requests
           from bs4 import BeautifulSoup
           import pandas as pd
```

```python
In [97]:   url = 'https://books.toscrape.com/'
```

```python
In [99]:   response = requests.get(url)
           soup = BeautifulSoup(response.text, 'html.parser')
```

Creating empty List to store book Data

```python
In [101…   books = []
```

Extracting Data from Website

```python
In [105…   book_list = soup.find_all('article', class_ = 'product_pod')
           for book in book_list:
               title = book.h3.a['title']
               price = book.find('p', class_ = 'price_color').text.strip().replace('Â','')
               availability = book.find('p', class_ = 'instock availability').text.strip()
               rating = book.find('p', class_ = 'star-rating')['class'][1]
               link_suffix = book.h3.a['href']
               link = url + link_suffix

               books.append({
                   'Title':title,
                   'Price':price,
                   'Availability':availability,
                   'Rating':rating,
                   'Link': link
               })
```

Saving results to CSV file and Excel File

```python
In [108…   books_content = pd.DataFrame(books)
           books_content.to_csv('books.csv', index = False)
           books_content.to_excel('books.xlsx', index = False)
```

```python
In [110…   print('Scraping Complete! Data saed to books.csv and books.xlsx')
```

Scraping Complete! Data saed to books.csv and books.xlsx

Data Frame

```python
In [113…   books_content
```

`Out[113…`

	Title	Price	Availability	Rating	Lin
0	A Light in the Attic	£51.77	In stock	Three	https://books.toscrape.com/catalogue/a-light-i.
1	Tipping the Velvet	£53.74	In stock	One	https://books.toscrape.com/catalogue/tipping-t.
2	Soumission	£50.10	In stock	One	https://books.toscrape.com/catalogue/soumissio.
3	Sharp Objects	£47.82	In stock	Four	https://books.toscrape.com/catalogue/sharp-obj.
4	Sapiens: A Brief History of Humankind	£54.23	In stock	Five	https://books.toscrape.com/catalogue/sapiens-a.
5	The Requiem Red	£22.65	In stock	One	https://books.toscrape.com/catalogue/the-requi.
6	The Dirty Little Secrets of Getting Your Dream…	£33.34	In stock	Four	https://books.toscrape.com/catalogue/the-dirty.
7	The Coming Woman: A Novel Based on the Life of…	£17.93	In stock	Three	https://books.toscrape.com/catalogue/the-comin.
8	The Boys in the Boat: Nine Americans and Their…	£22.60	In stock	Four	https://books.toscrape.com/catalogue/the-boys-.
9	The Black Maria	£52.15	In stock	One	https://books.toscrape.com/catalogue/the-black.
10	Starving Hearts (Triangular Trade Trilogy, #1)	£13.99	In stock	Two	https://books.toscrape.com/catalogue/starving-.
11	Shakespeare's Sonnets	£20.66	In stock	Four	https://books.toscrape.com/catalogue/shakespea.
12	Set Me Free	£17.46	In stock	Five	https://books.toscrape.com/catalogue/set-me-fr.
13	Scott Pilgrim's Precious Little Life (Scott Pi…	£52.29	In stock	Five	https://books.toscrape.com/catalogue/scott-pil.
14	Rip it Up and Start Again	£35.02	In stock	Five	https://books.toscrape.com/catalogue/rip-it-up.

file:///C:/Users/saras/OneDrive - Procter and Gamble/Documents/PYTHON/Data Analysis - Projects/BOOK STORE/Bookstore.html

2/3

	Title	Price	Availability	Rating	Lin
15	Our Band Could Be Your Life: Scenes from the A...	£57.25	In stock	Three	https://books.toscrape.com/catalogue/our-band-.
16	Olio	£23.88	In stock	One	https://books.toscrape.com/catalogue/olio_984/.
17	Mesaerion: The Best Science Fiction Stories 18...	£37.59	In stock	One	https://books.toscrape.com/catalogue/mesaerion.
18	Libertarianism for Beginners	£51.33	In stock	Two	https://books.toscrape.com/catalogue/libertari.
19	It's Only the Himalayas	£45.17	In stock	Two	https://books.toscrape.com/catalogue/its-only-.

In [ ]: