1. **Project Overview**
   1. **Purpose**

This project scrapes toscrape, a web scraping sandbox, to scrape for books. It will focus on analyzing all book prices and sentiments.

Here is the link to the site: <https://toscrape.com/>

* 1. **Goal**

The goal is to create a dataset for market analysis and to showcase my skills in web scraping and data processing.

* 1. **Key Features**
* The quality and quantity of scraped data
* Data Analysis of obtained data
* Data Storage

1. **Technologies and Tools Used**

Mainly used Python to have access to various helpful libraries and APIs for web scraping, such as BeautifulSoup, Requests, Pandas, and Selenium.

Used SQLite, for its ease of use and minimal setup, to store data aside from an Excel sheet.

1. **Setup and Use**

*Setup*

1. Download Python
2. Download the project into a directory
3. Run setup.py with command “Python setup.py” through a terminal
4. **Ethical and Legal Considerations**

Follow toscrape’s robots.txt file, scrape only publicly available data, and respect the terms of service.

Implement rate limiting, respect privacy, and avoid scraping personal data if it exists.

1. **Sample Data**
2. **Code Structure**