

- **Overview:** Developed an ETL (Extract, Transform, Load) pipeline to extract book data from the "Books to Scrape" website, transform it into a structured format, and load it into a database for analysis.
- **Technologies:** Utilized Python for scripting, BeautifulSoup for web scraping, pandas for data manipulation, and SQL for data loading into databases.
- **Key Contributions:** Extracted book information including titles, authors, prices, ratings, and genres from the "Books to Scrape" website using web scraping techniques.
Transformed raw HTML data into a structured tabular format, cleaning and enriching it for further analysis.
Automated the ETL process, scheduling regular updates to maintain an up-to-date dataset for analysis.
- **Outcome:** Successfully deployed a robust ETL pipeline for scraping and analyzing book data from the "Books to Scrape" website, empowering stakeholders with actionable insights for informed decision-making in the book industry.

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