Summer book recommender

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Project Overview

- GoodReads_100k_books.csv
- Original dataset: 100.000 rows × 12 columns

Title	**Author**	**Book format**	**Genre**	**Description**	**Image**
ISBN	Link	**Pages**	**Review**	**Rating**	**Total Ratings**

Data Wrangling and Cleaning

genre=Nonfiction, Environment, Nature, Travel, Science, Autobiography, Memoir, History, Science, Natural History, Animals, Science Nature, Animals, Birds

genre_1=Nonfiction

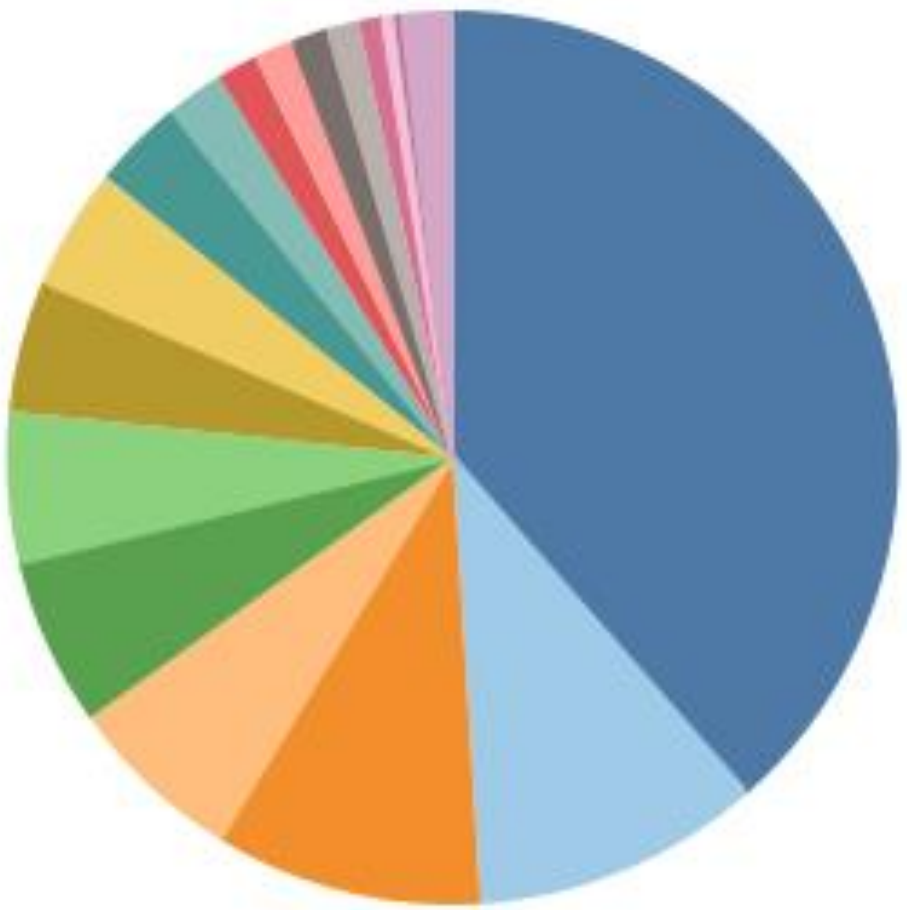
genre_2=Environment

genre_3 = Nature

265 genres

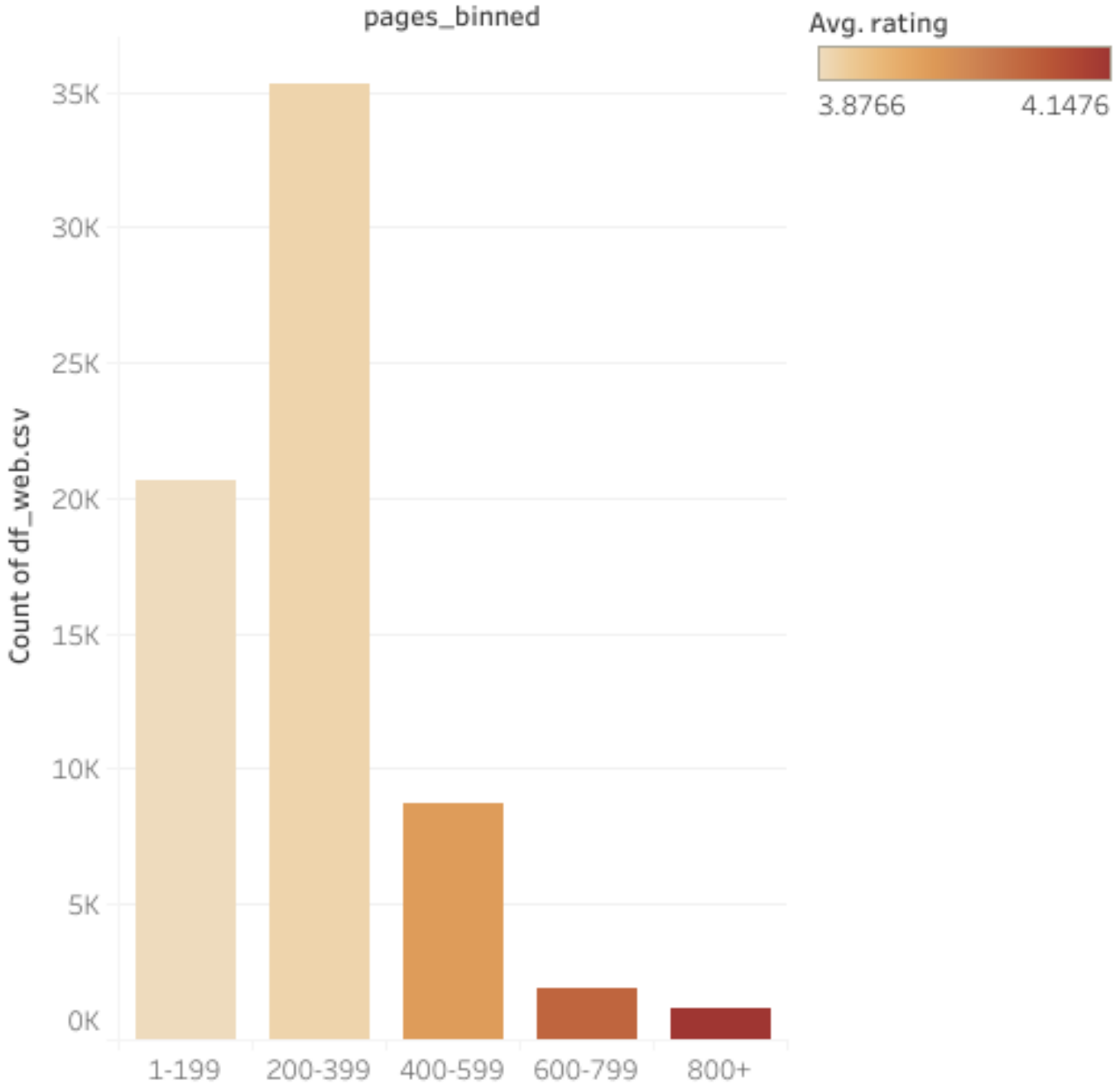
18 genres

Exploratory Data Analysis

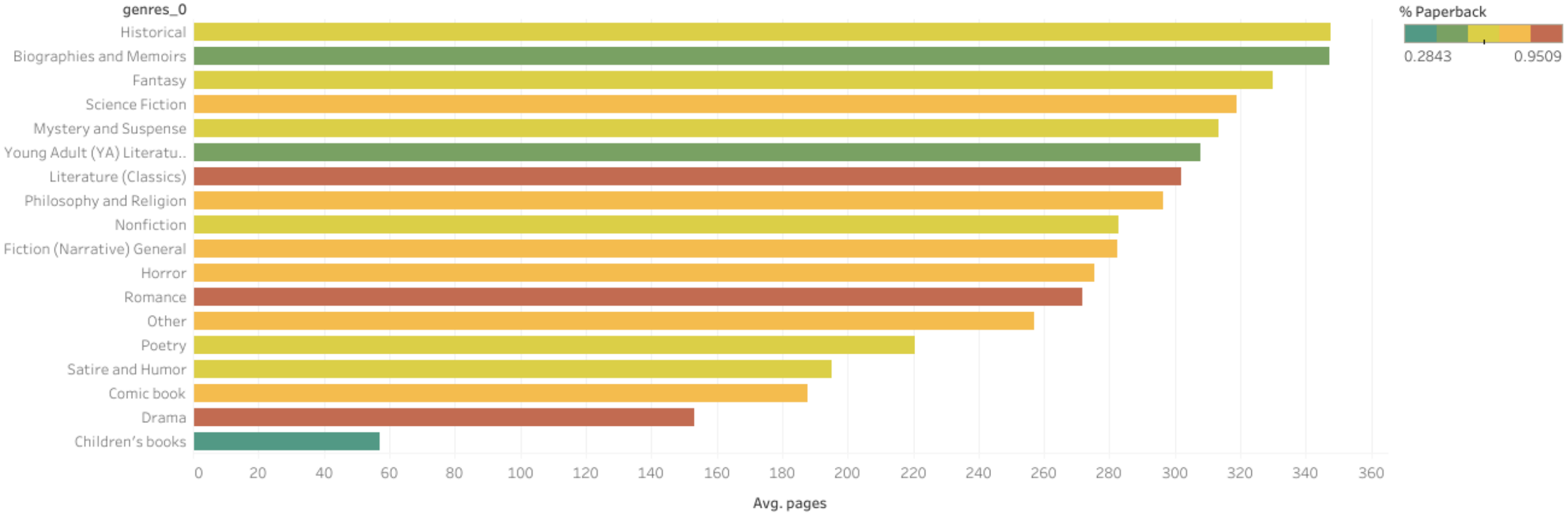


genres_0
- Nonfiction
- Historical
- Fiction (Narrative) General
- Comic book
- Philosophy and Religion
- Romance
- Children's books
- Fantasy
- Mystery and Suspense
- Science Fiction
- Biographies and Memoirs
- Poetry
- Horror
- Other
- Literature (Classics)
- Satire and Humor
- Drama
- Young Adult (YA) Literature

Number of books according to the pages they have



Average number of pages for each genre



Streamlit

Streamlit turns data scripts into shareable web apps in minutes.

All in pure Python. No front-end experience required

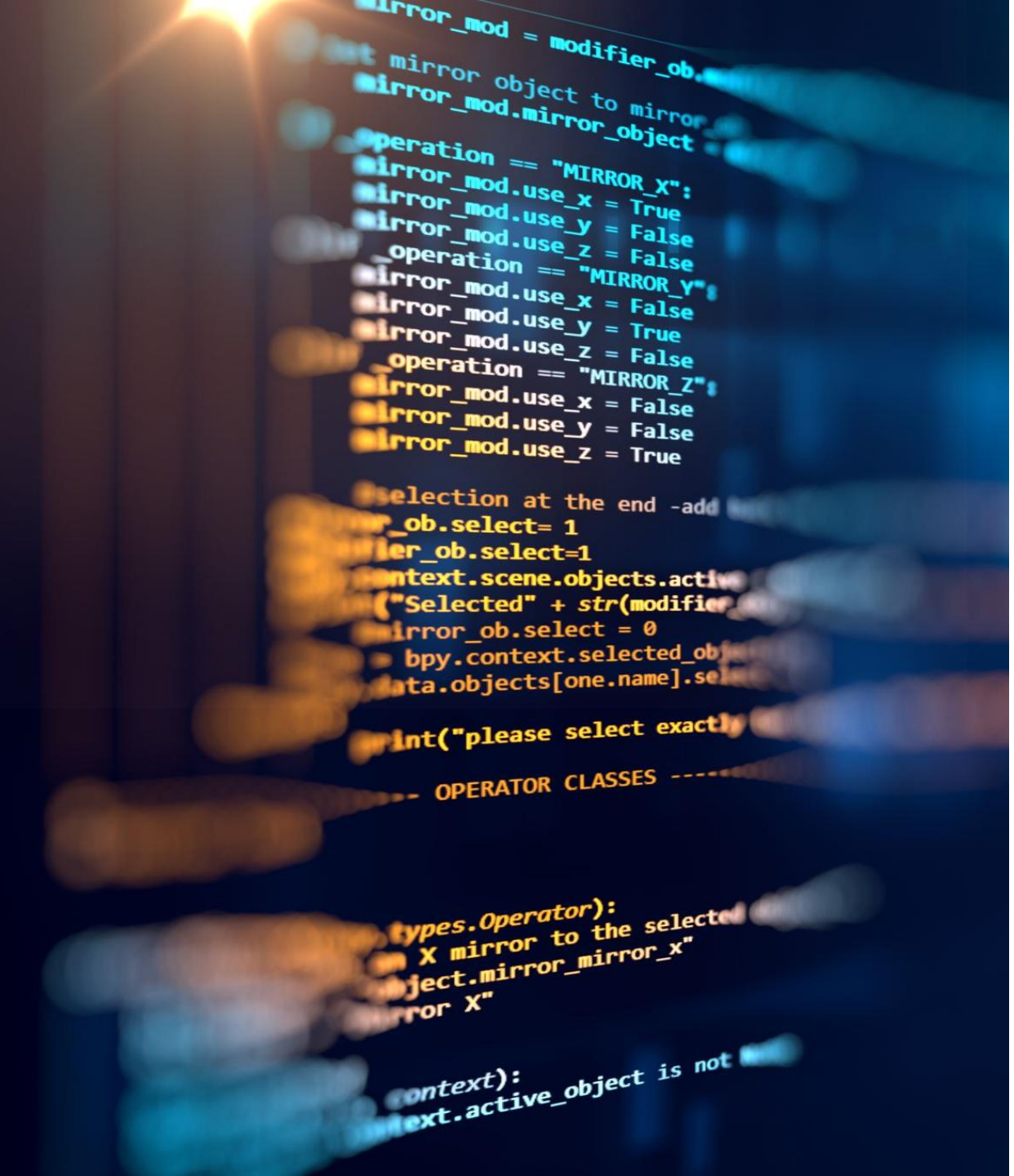
Now let's check the website

https://summer-book-recommender.streamlit.app/

Pros and cons of Streamlit

- STREAMLIT is a very useful tool if you want to make an interactive dashboard instead of using TABLEAU
- Greater freedom and therefore greater possibilities of carrying out your ideas

- Greater complexity and therefore probably more time you will invest
- Possible problems linking GITHUD and STREAMLIT



Major Obstacles

- Learn how to use Streamlit
- Group 265 book genres into 18
- The time allocated to achieve an attractive design
- Problems deploying the website with GitHud

Conclusions

- The most popular books are those that have less than 400 pages
- Curiously, the books best valued by readers are those with the most pages
- If we want a light book with a paperback format to go to the beach, it would be best to opt for a drama or romance book


Thank you for your time!
Jordi Díaz Carné