Summer book recommender
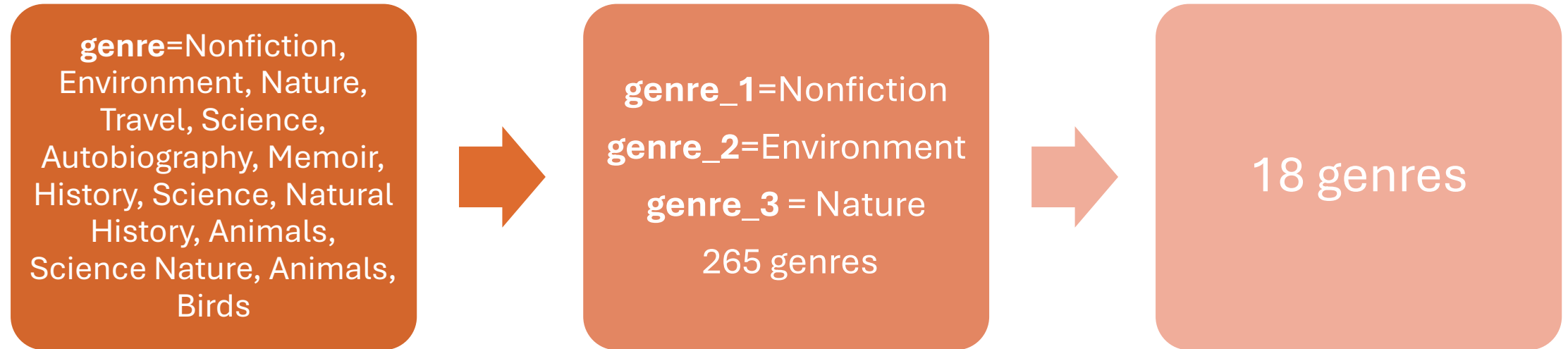
Jordi Díaz Carné

Project Overview

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

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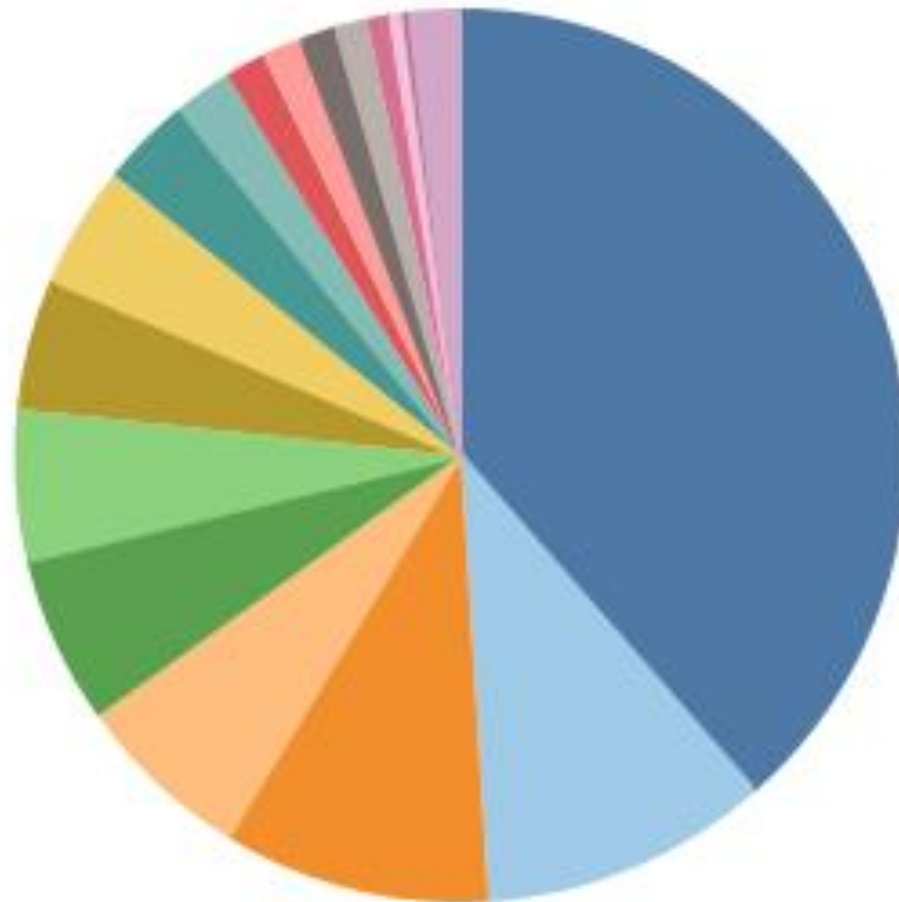
genres_0
- Nonfiction
- Historical
- Fiction (Narrative) General
- Comic book
- Philosophy and Religion
- Romance
- Children's books
- Fantasy
- Mystery and Suspense
- Science Fiction
- Biographies and Memoirs
- Poetry
- Horror
- Other
- Literature (Classics)
- Satire and Humor
- Drama
- Young Adult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

Number of books according to the pages they have
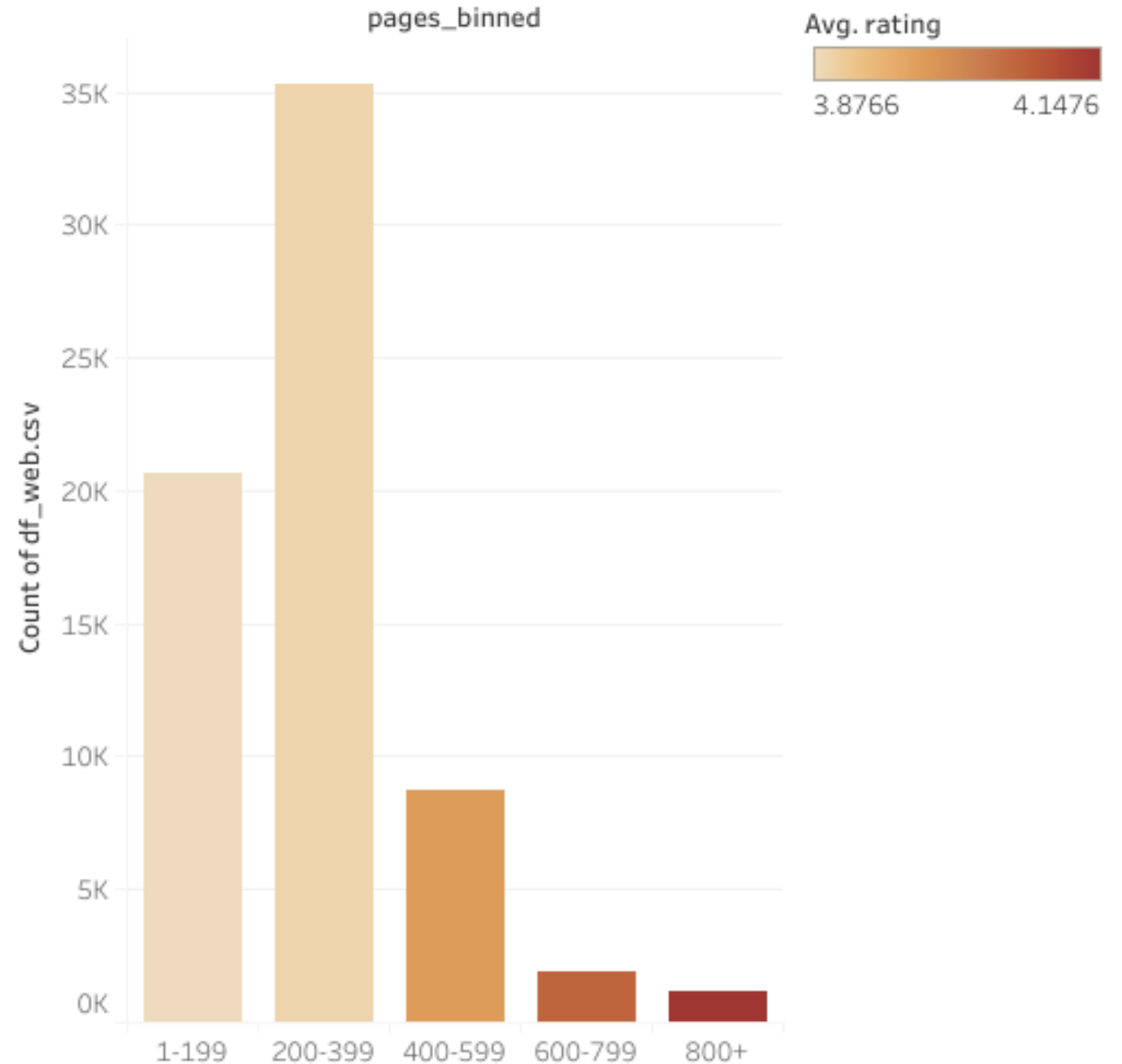
Number of pages for each genre
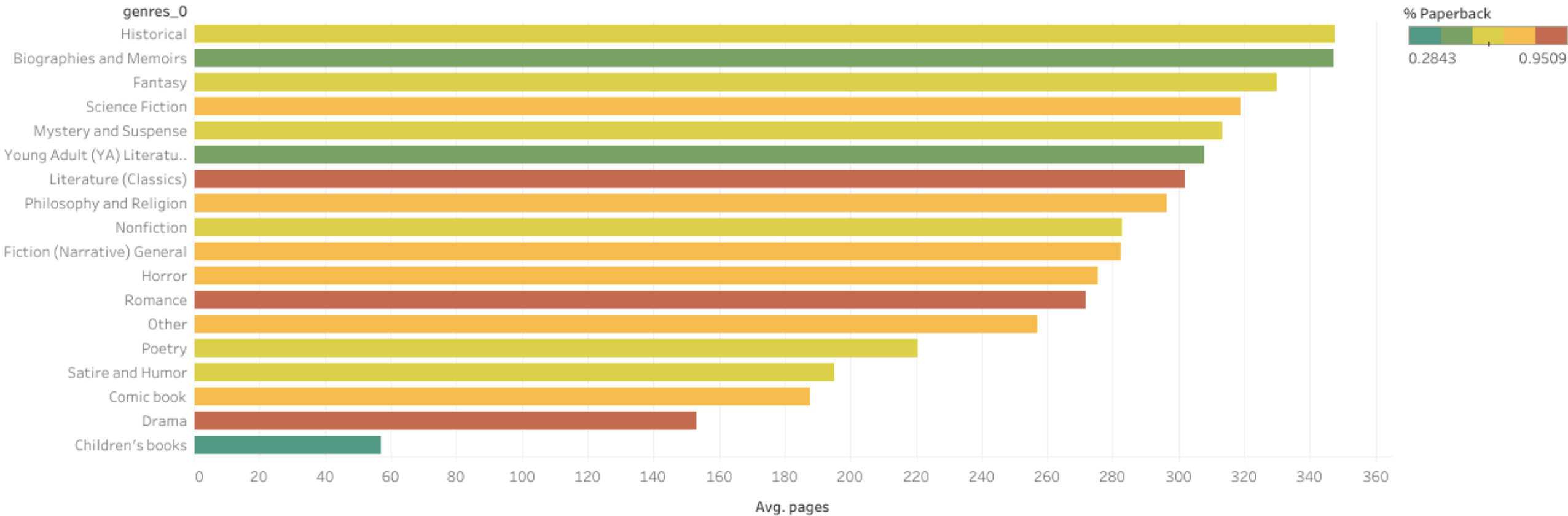
Streamlit turns data scripts into shareable web apps in minutes.

All in pure Python. No front-end experience required

Design the interface

The Backend

This is the code that runs on the server side, handling the logic of the application. It is responsible for managing interactions with the database, processing data, and performing the core functionalities of the application.

The Frontend

It's what the users see and interact with, consisting of the layout, design, and interactive elements that enable users to perform tasks within the application.

Now let's check the website

https://summerbookrecommender.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 due to exceeding the bandwidth

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