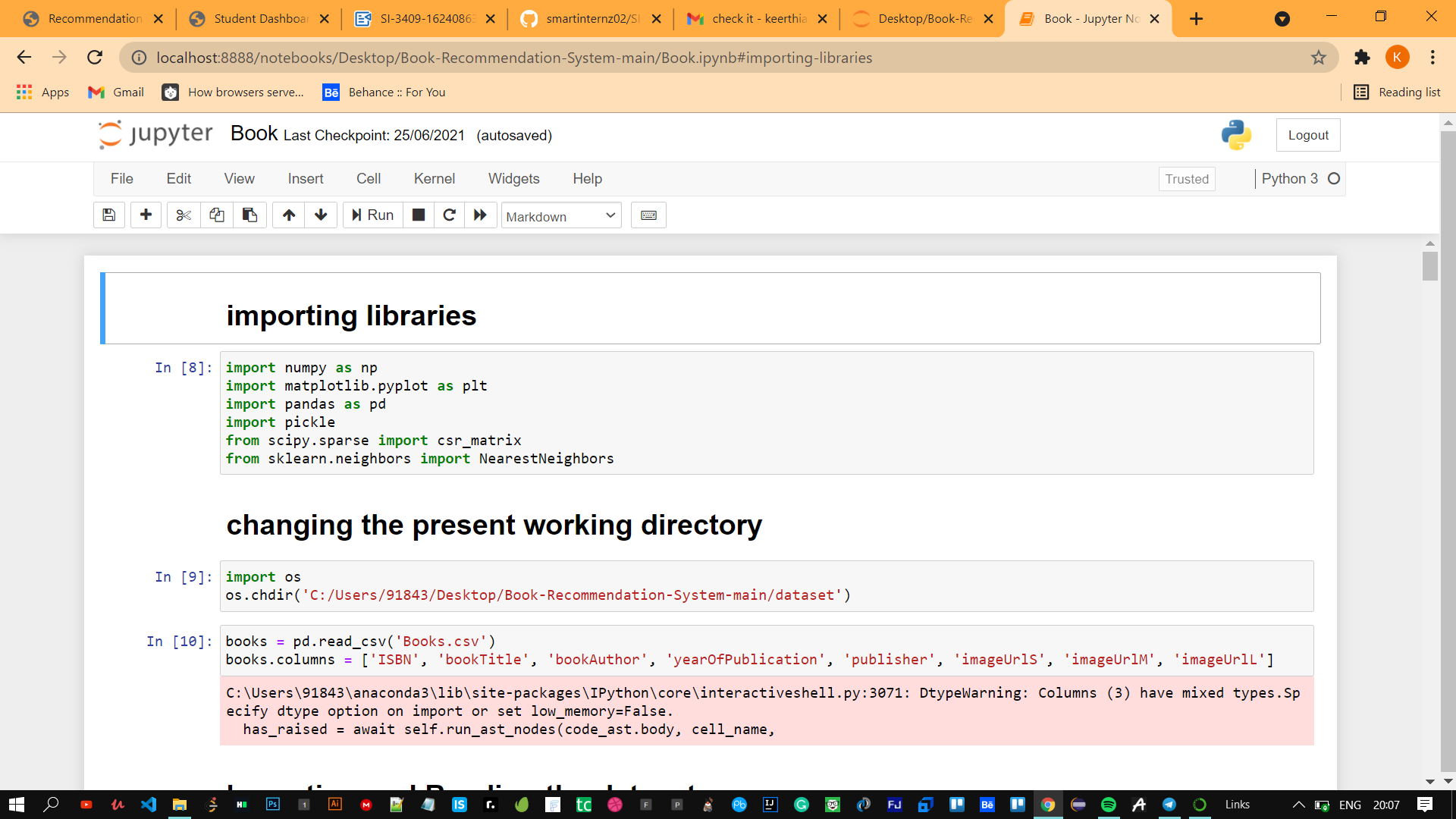
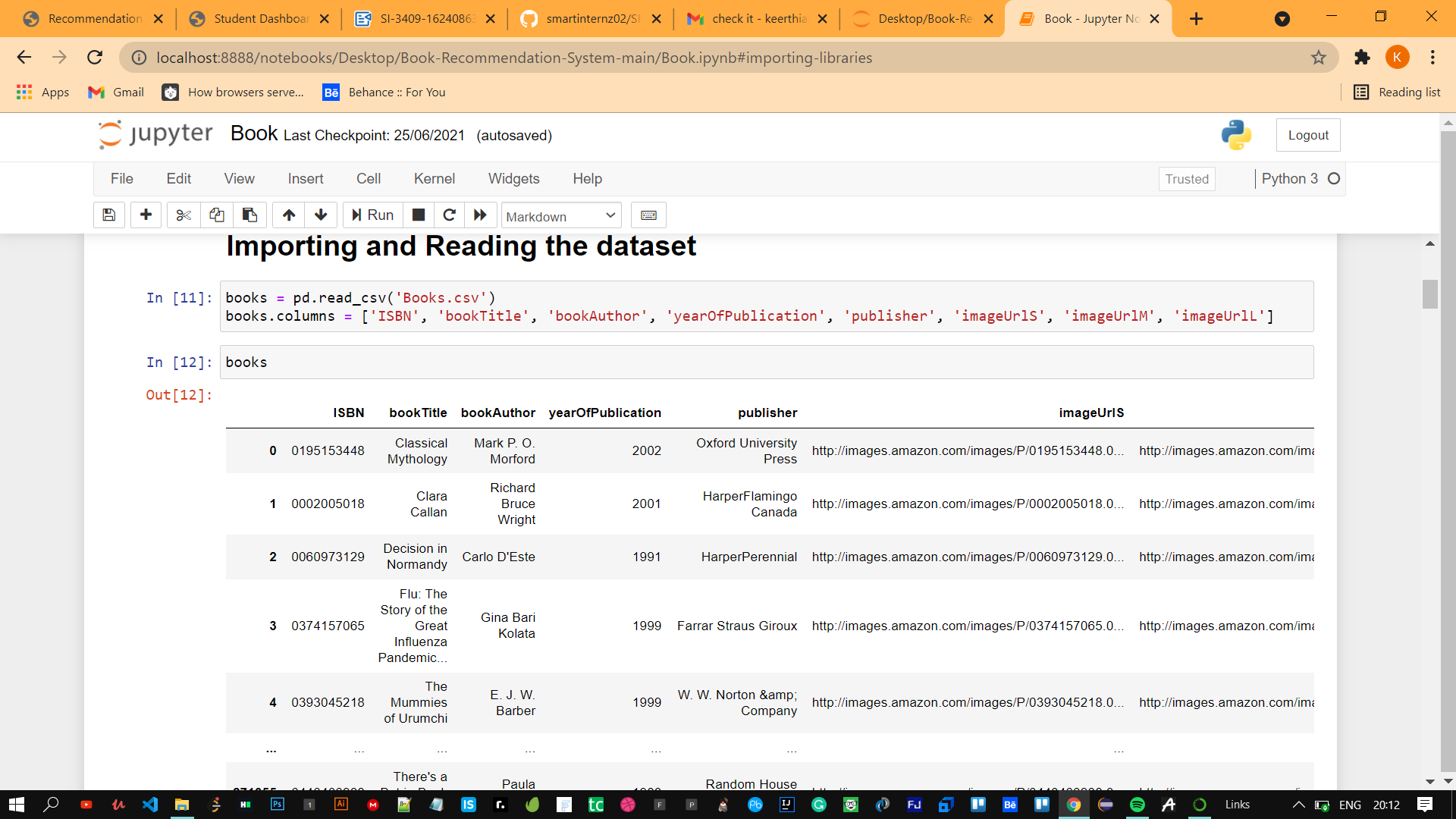
Project : Read-Analysis and Book Recommendation System

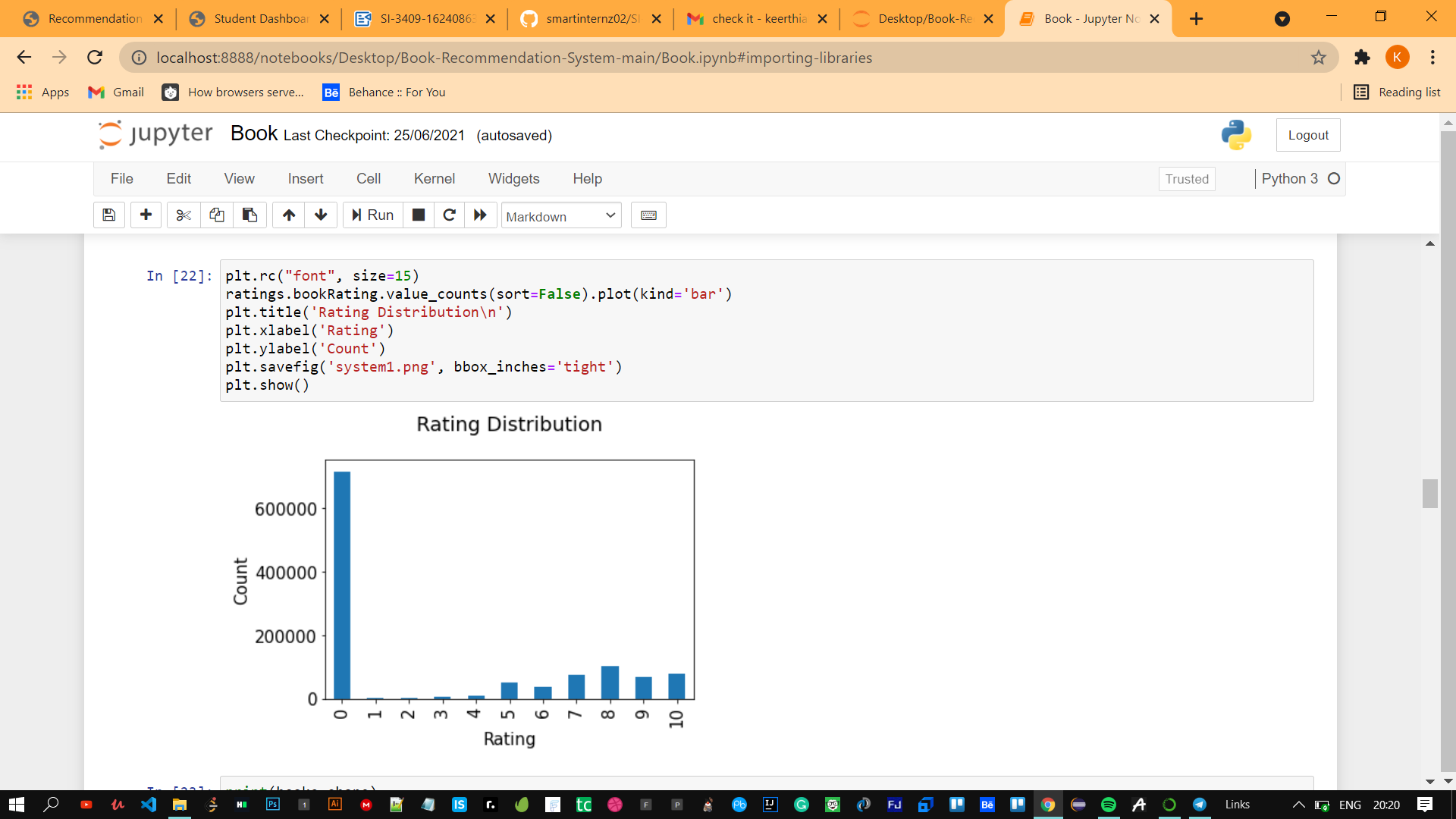
Step-1 Importing the necessary libraries.

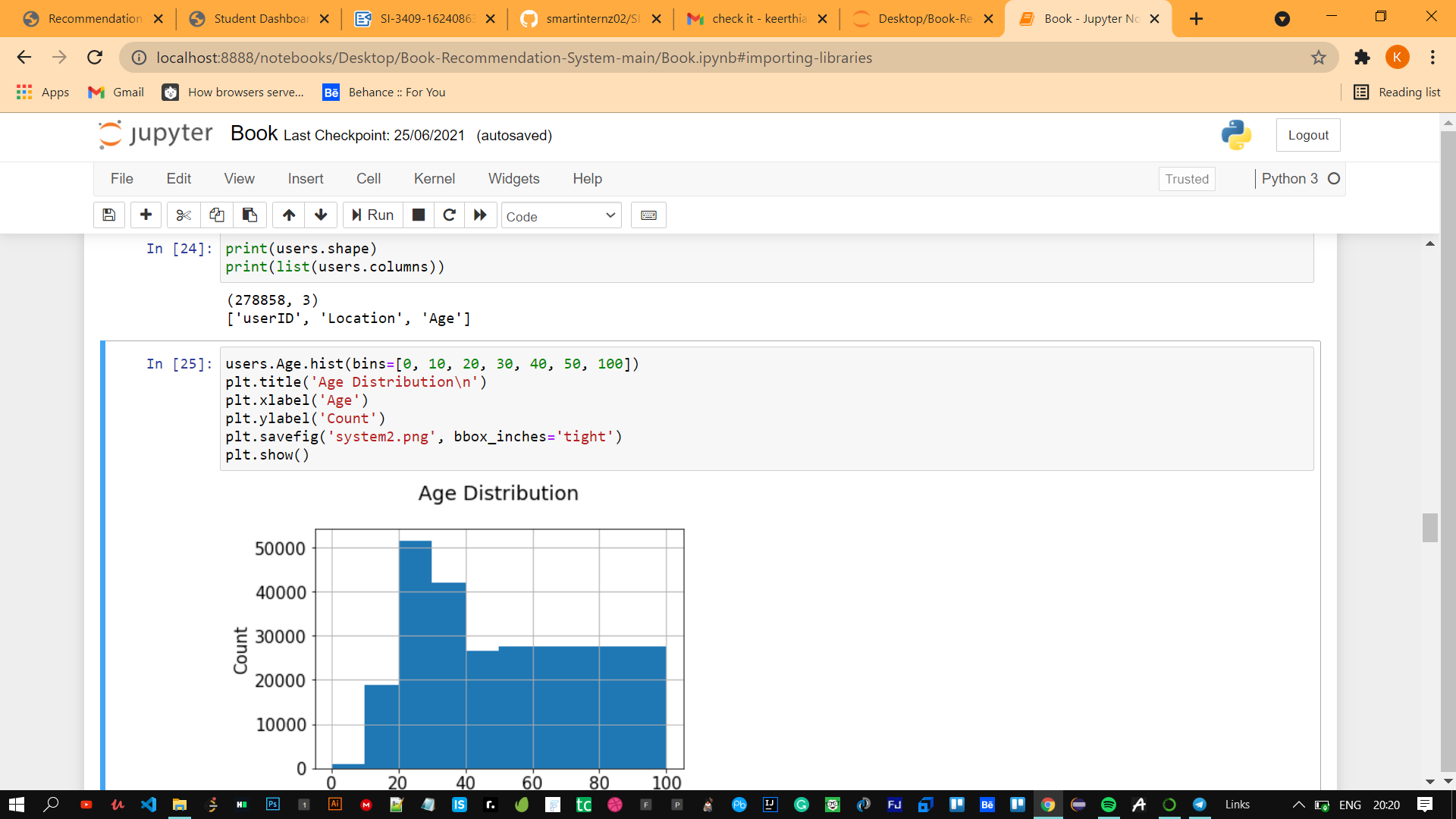


Step:2 Reading the user dataset,ratings dataset,books dataset.

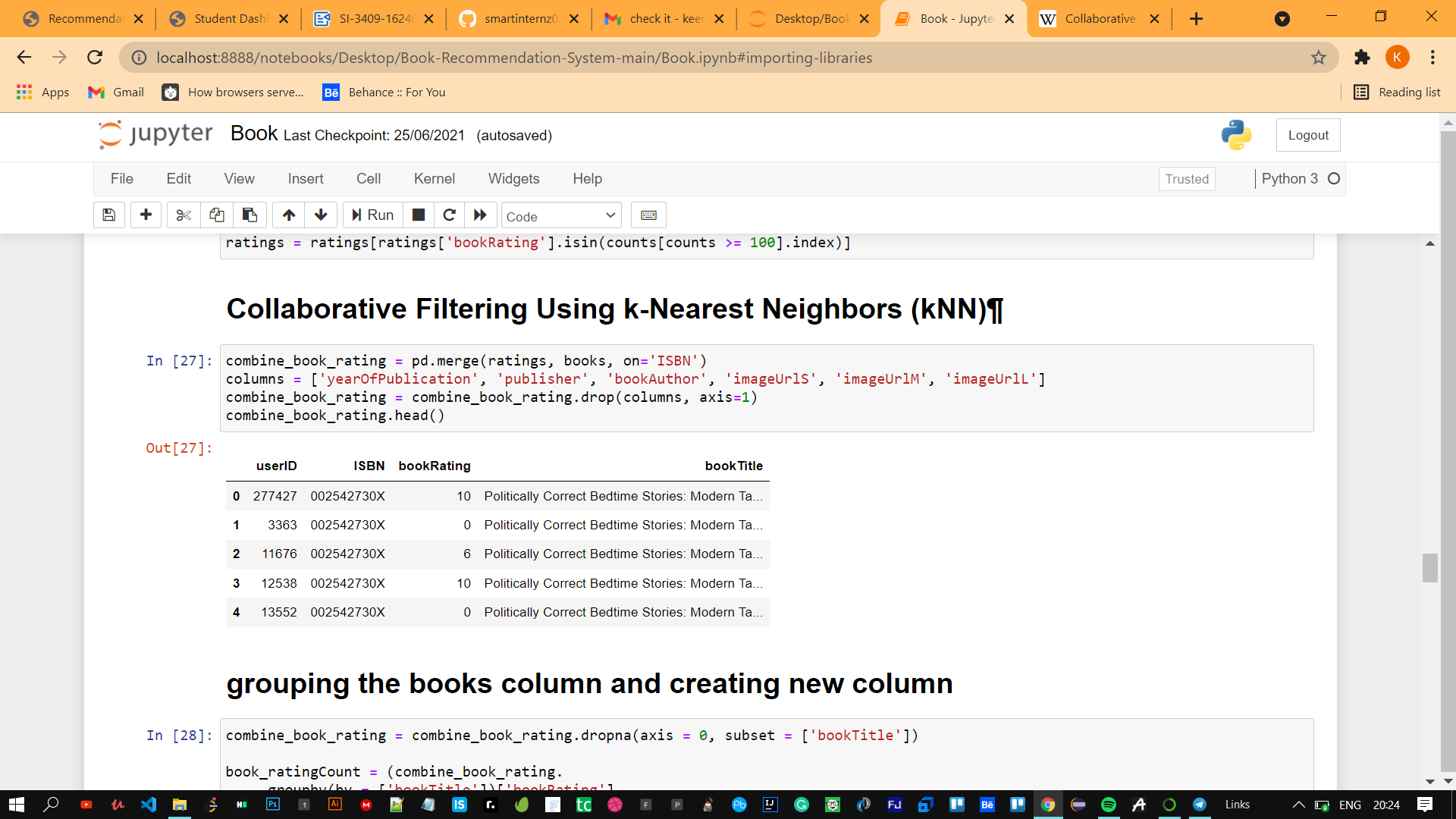


Step 3: Visualizing the data through graphs and methods

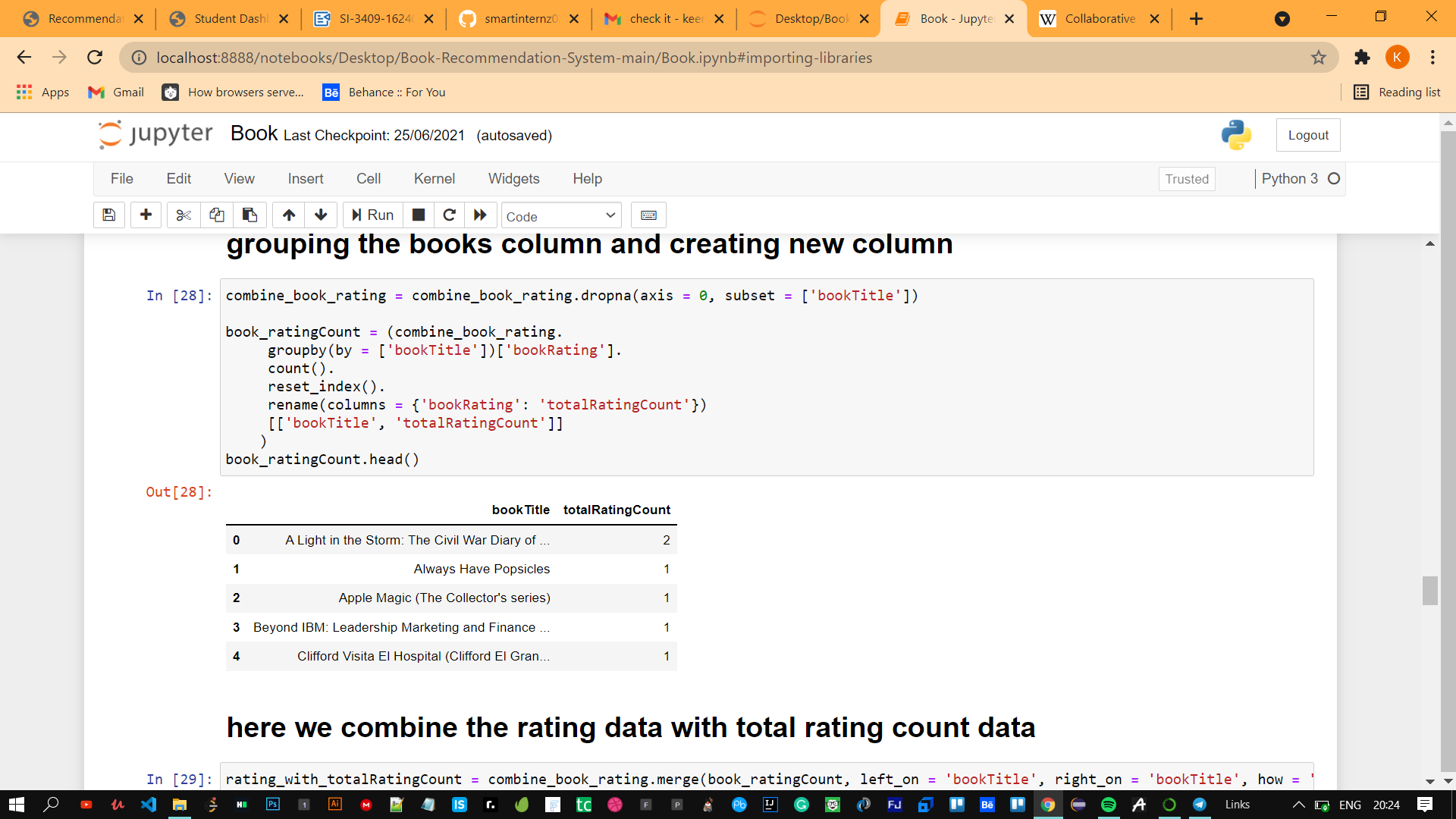




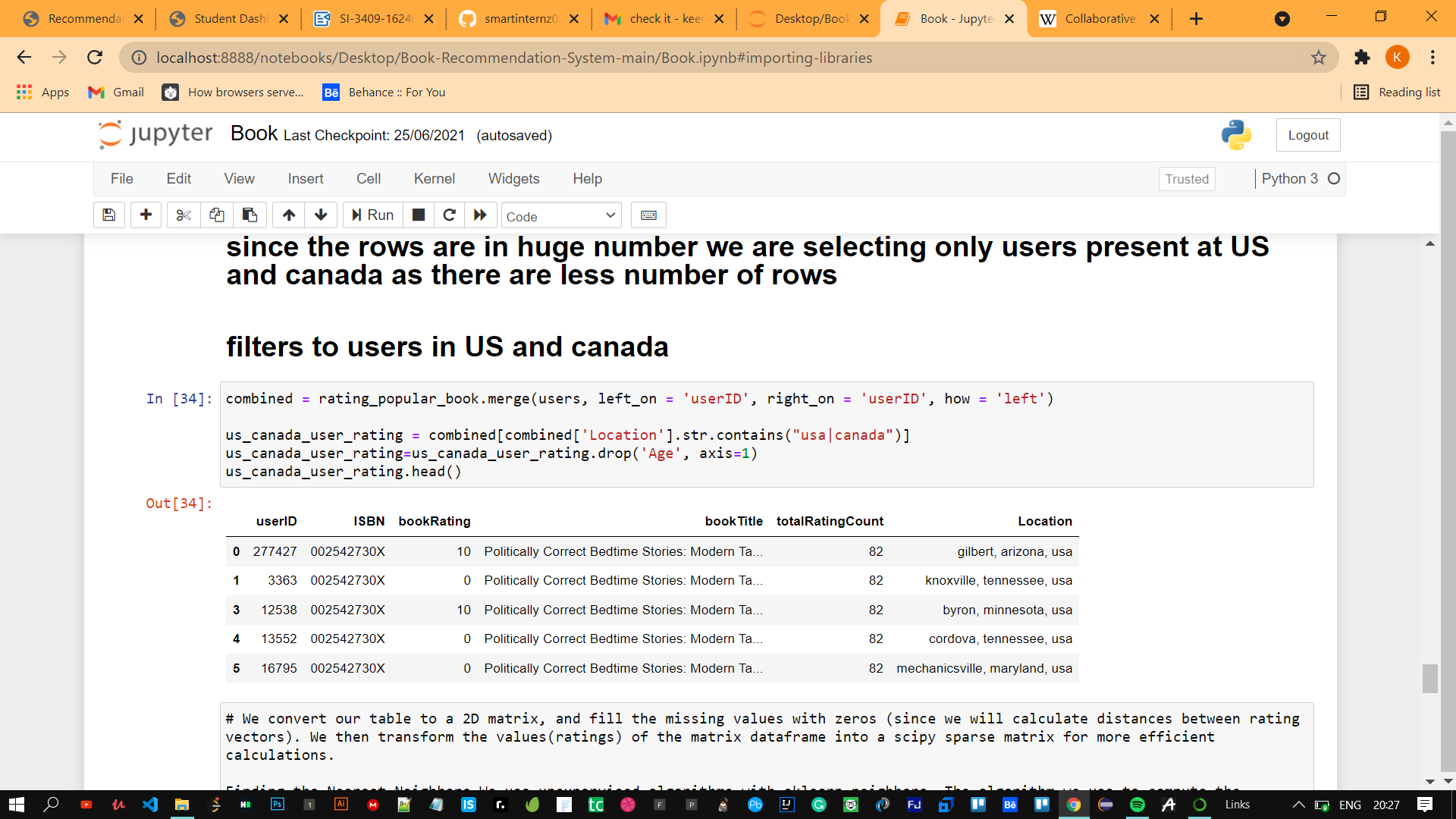
Step 4: Performing Collborative filtering over data ,In the more general sense, collaborative filtering is the process of filtering for information or patterns using techniques involving collaboration among multiple agents, viewpoints, data sources, etc. Applications of collaborative filtering typically involve very large data sets.



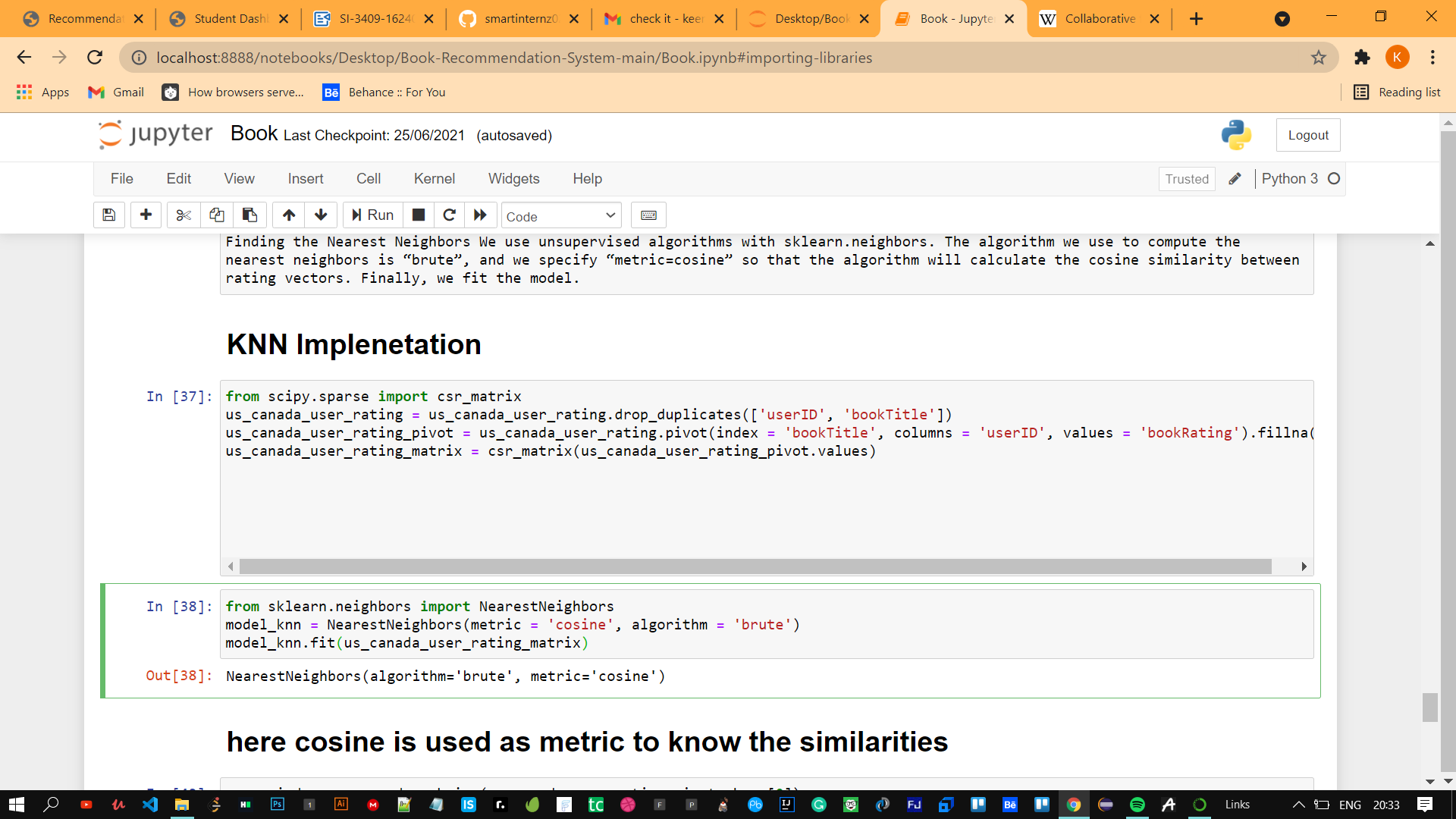
Step-5: Gropuing the books column and creating new column



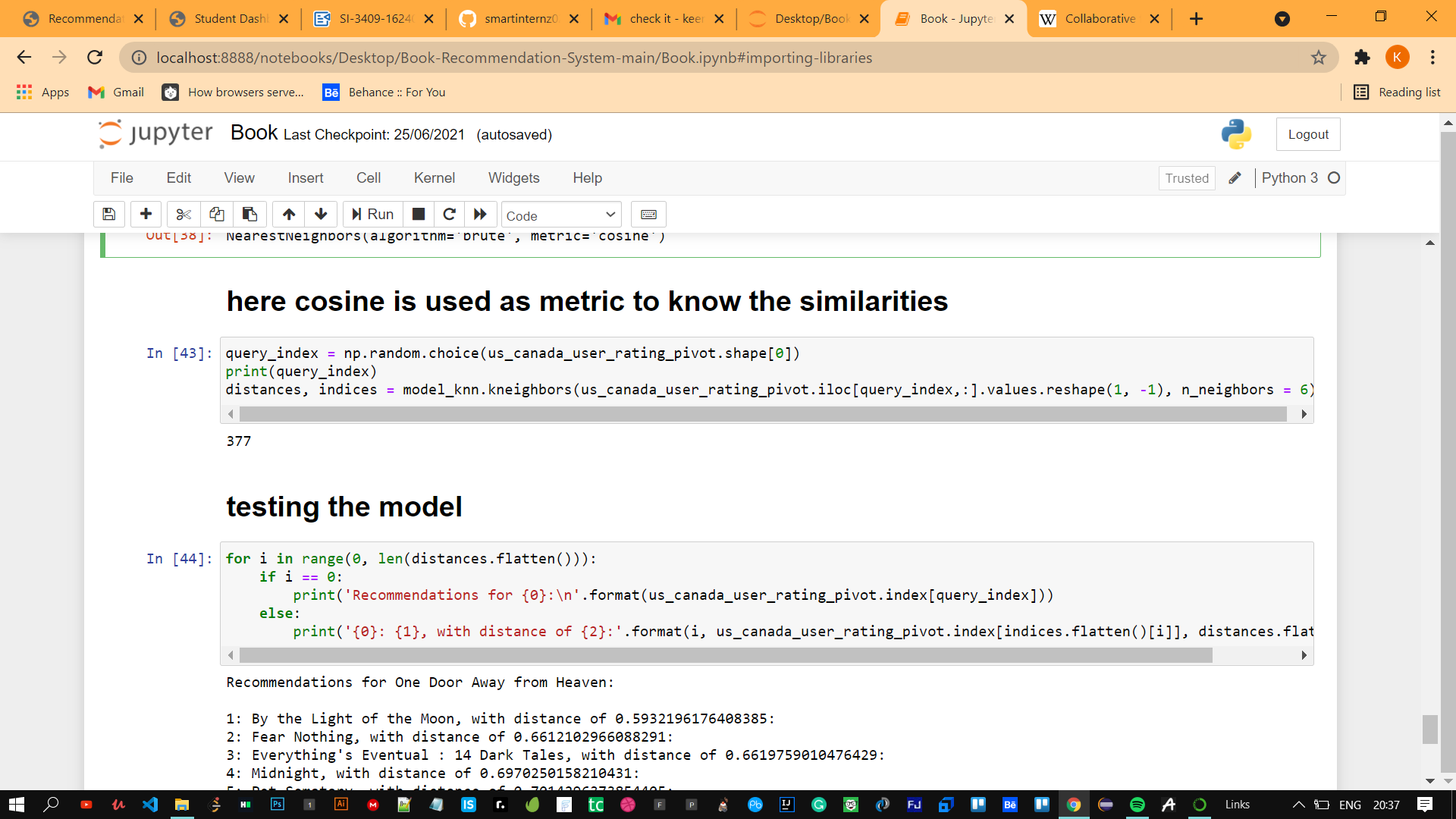
Step: 6 filtering the data and selecting users present in US and Canada.



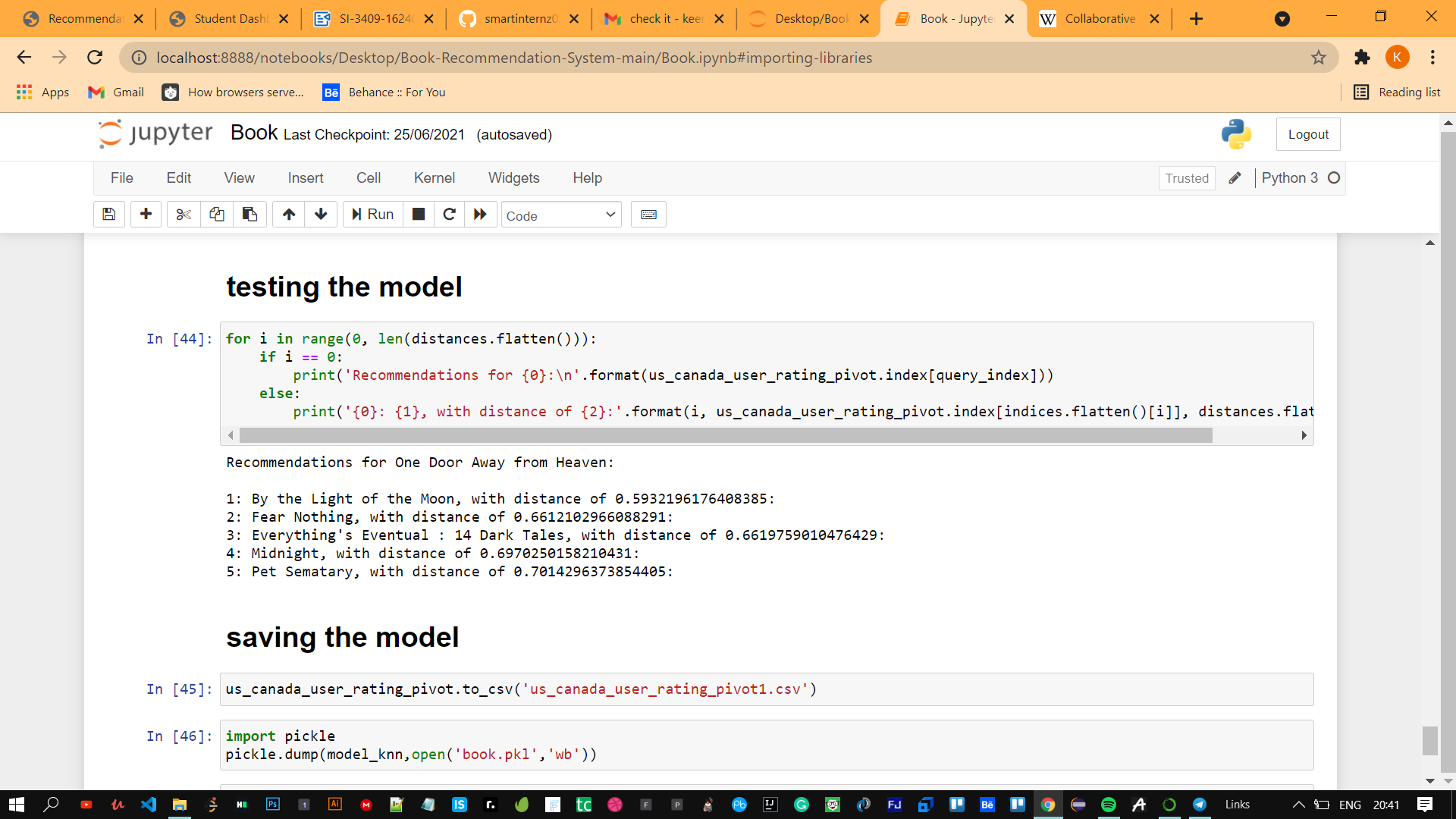
Step : 7 Implenting K-Nearest Neighbour Clustering Technique.



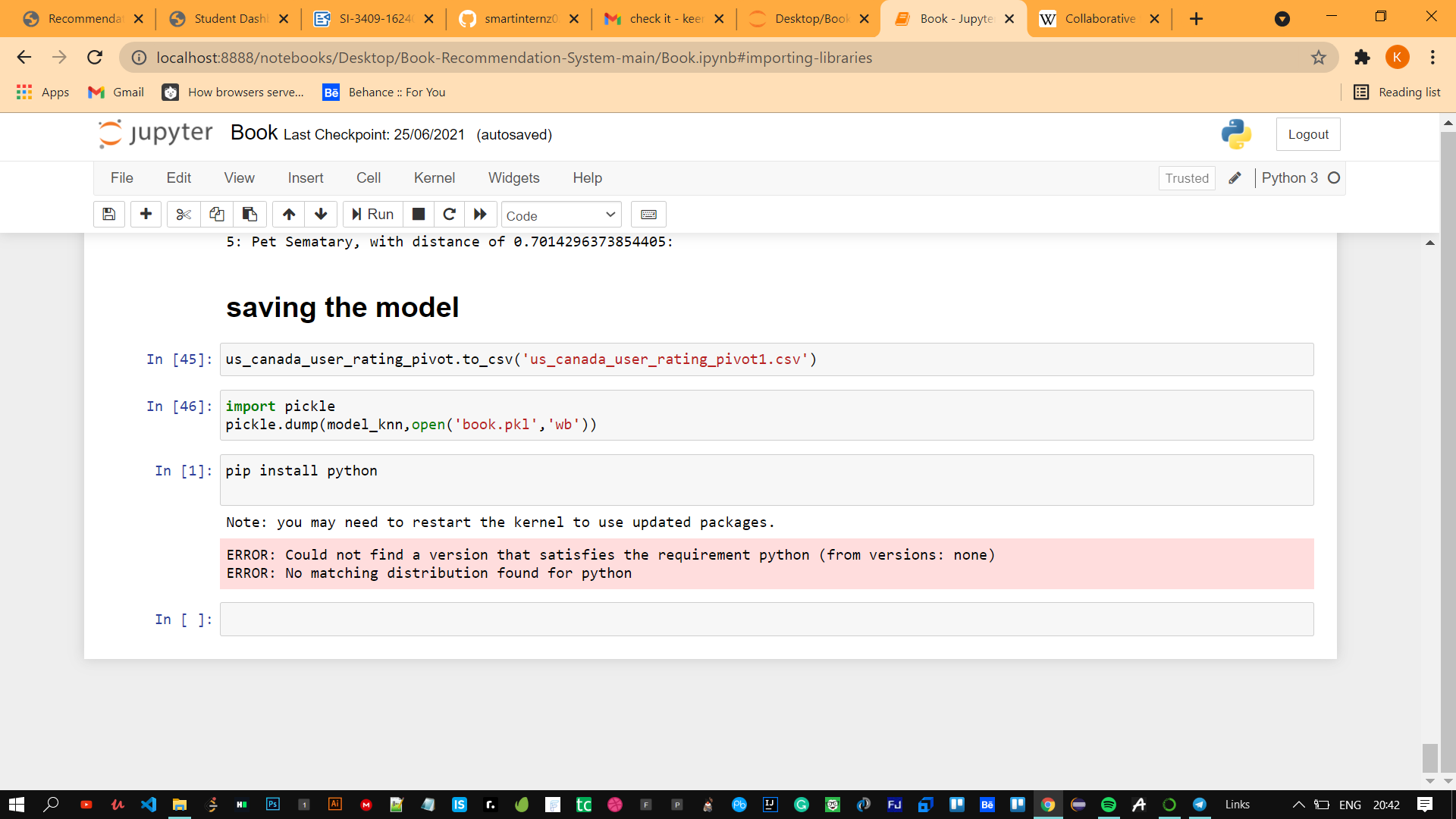
Step:8 Applying the cosine metric and it is used to find similarities



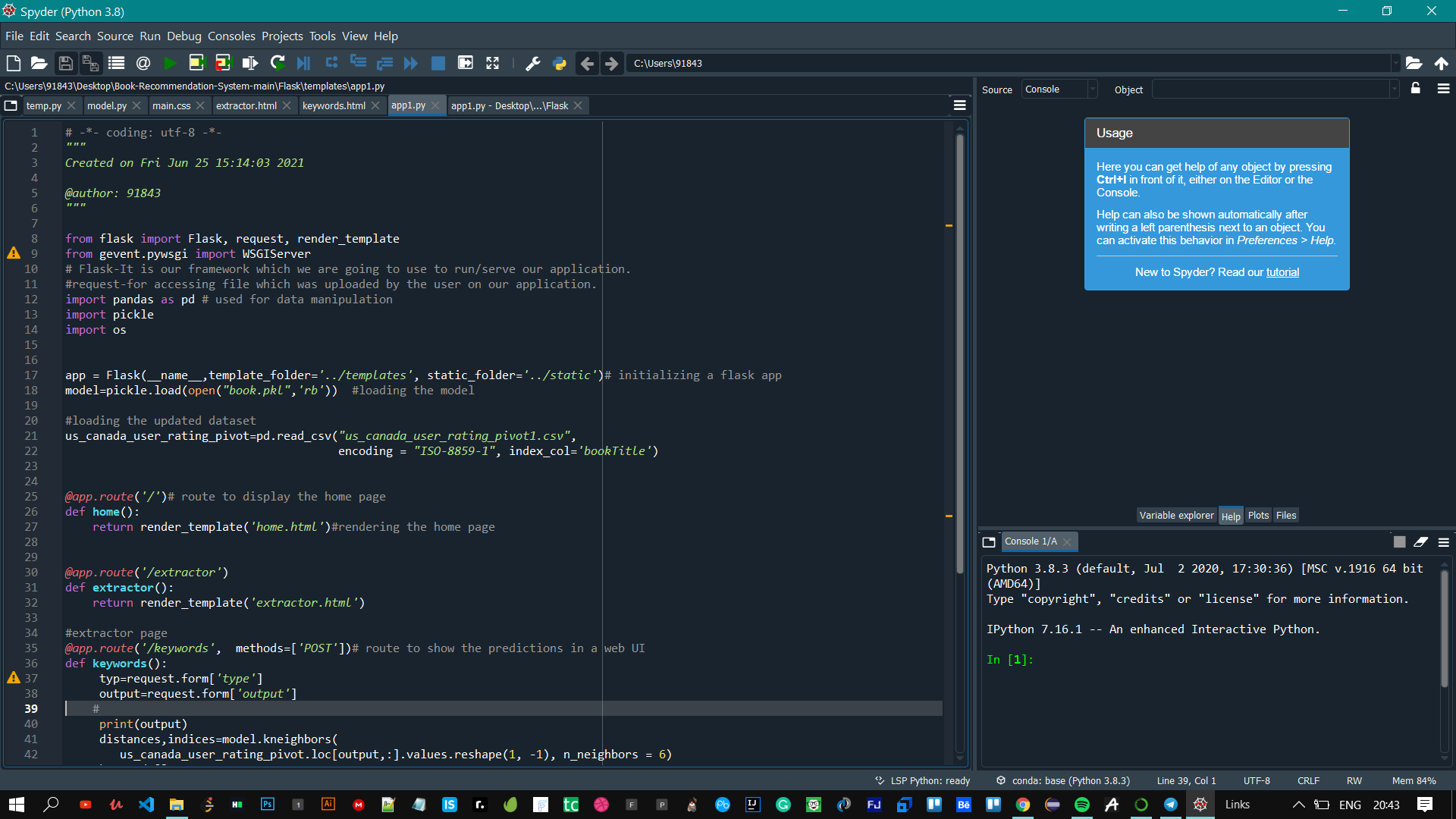
Step:8 Testing the model

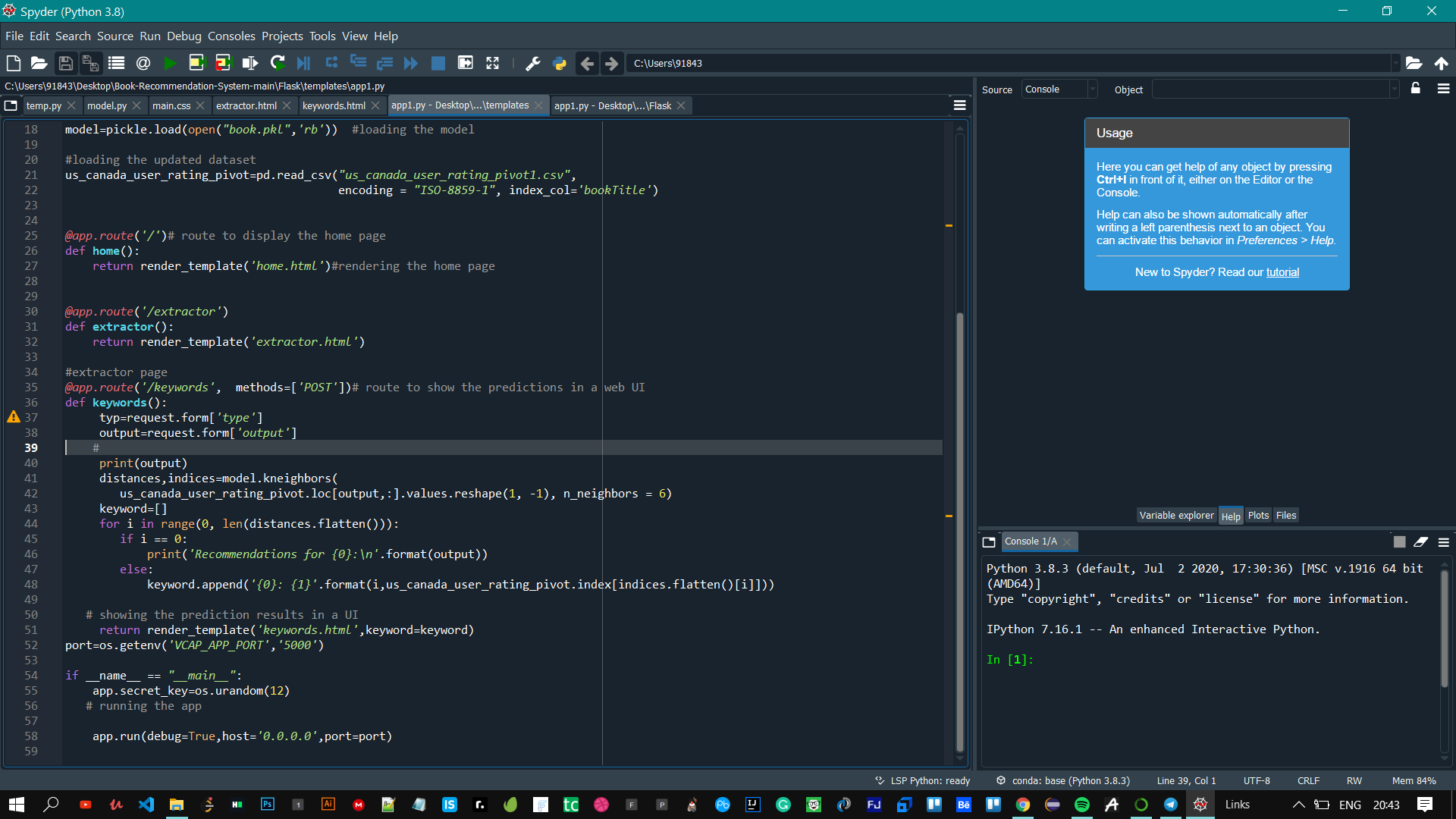


Step:9 Saving the Model



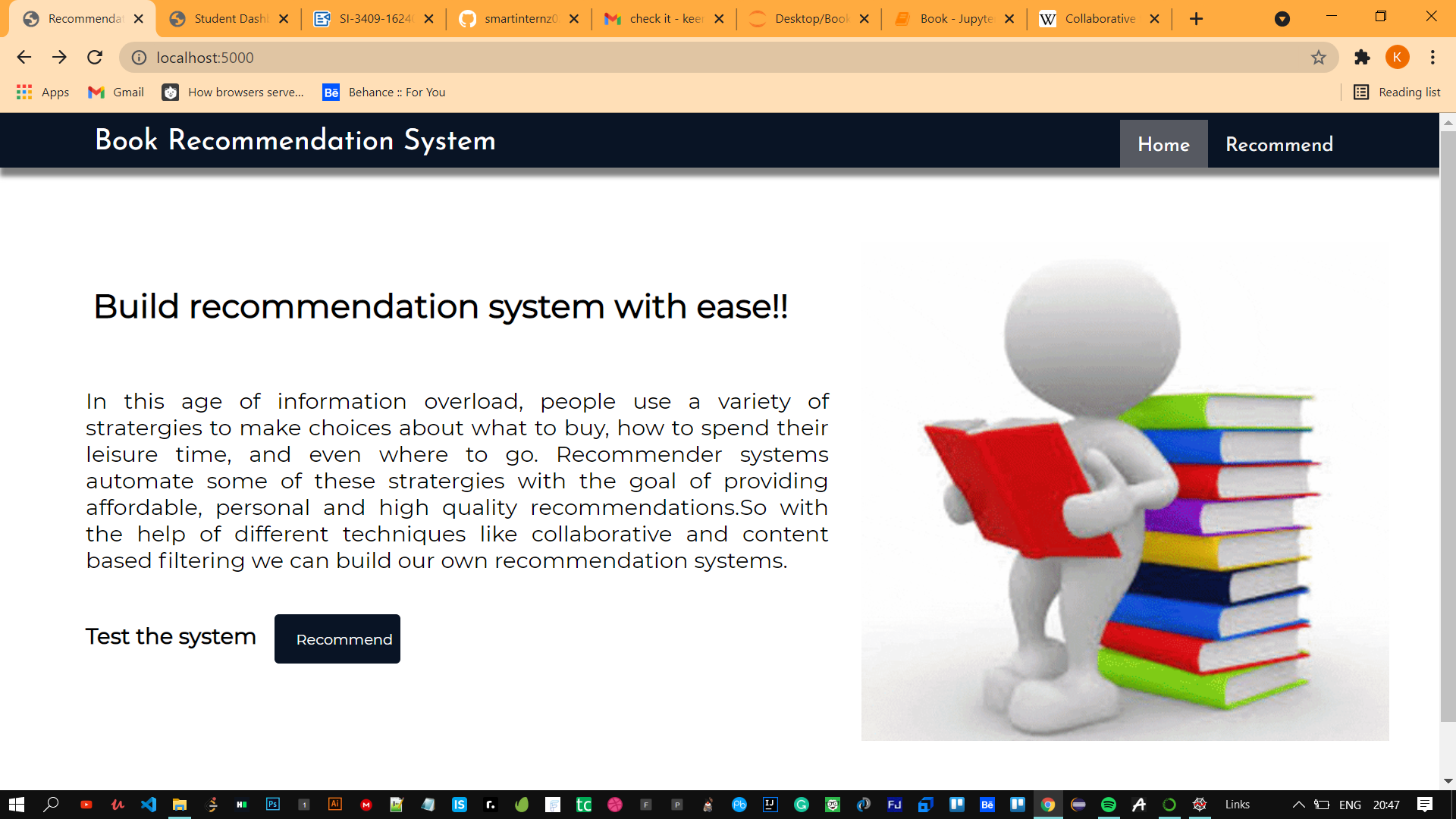
Step:10 Working with Flask



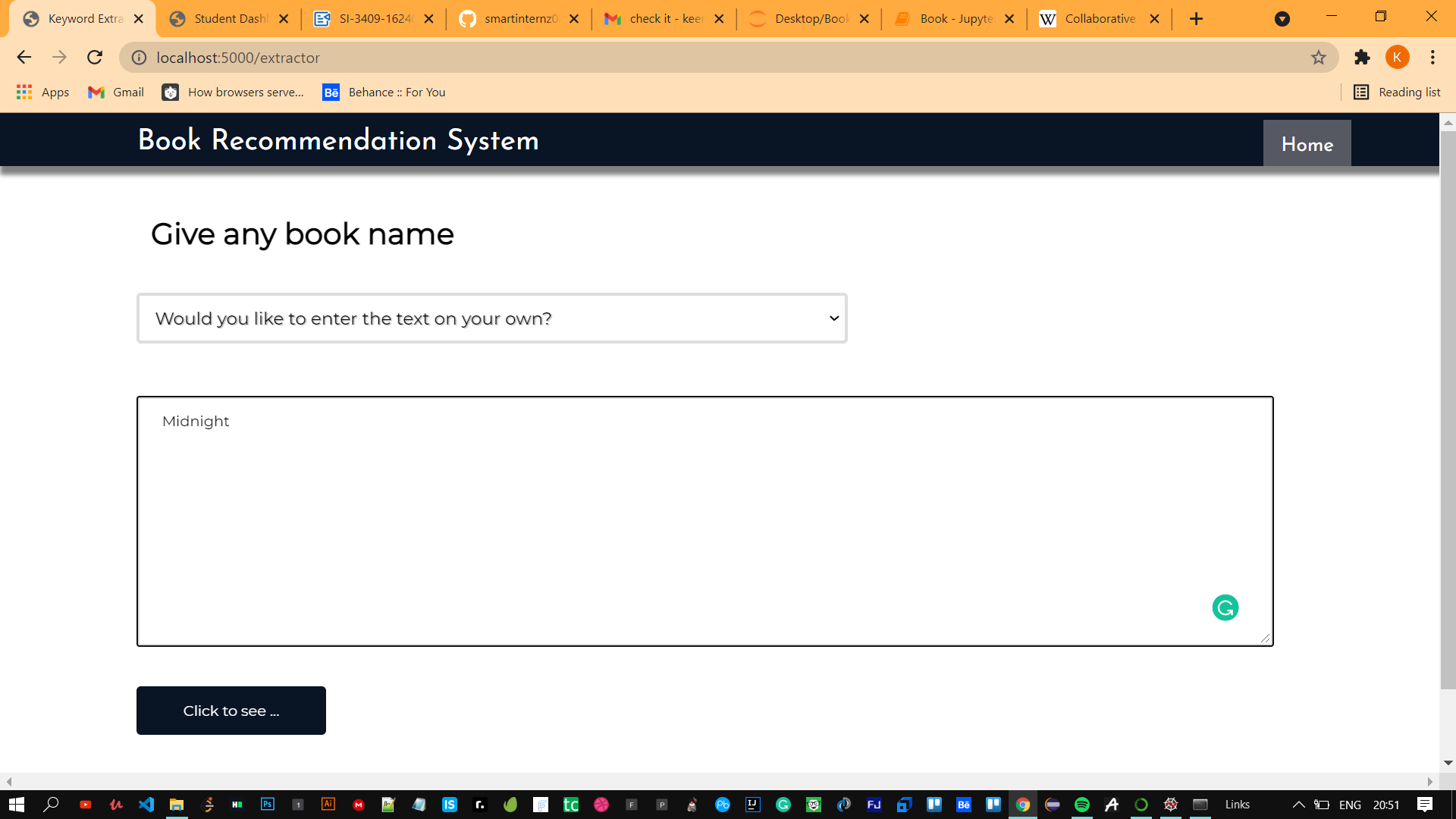


Results:

Step1: Home Page



Step2: User Input



Step 3: Recommendation based on user input

