Author: Palash Badjatya | December 8, 2021



COURTESY OF BOLD TYPE BOOKS; DOUBLEDAY; DUTTON; PUBLICAFFAIRS; CROWN

The key highlighted top 50 titles of every year – those published between 2009 and 2019 and these top reads are classified in the fiction and non-fiction category using GoodReads.



Books are chosen after considering various factors such as price, user rating, and the total number of reviews. If we classify the data based on reviews per genre, we can

see the non-fiction category-leading by almost 400 points. Using this data, we can say that all over the years, people loved reading non-fiction novels over fictional novels.

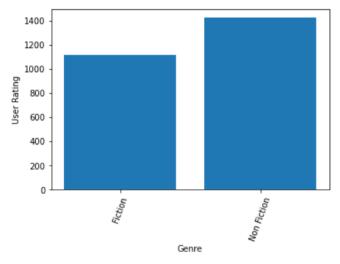


FIGURE 1: TOTAL USER RATING VS GENRE

Back in 2009, which happens to be the only year people have shown their interest in reading fiction and non-fiction novels almost equally. Other than that, the non-fiction category receives a fair difference in the preference majority of ratings which makes it clear people are more into non-fiction.

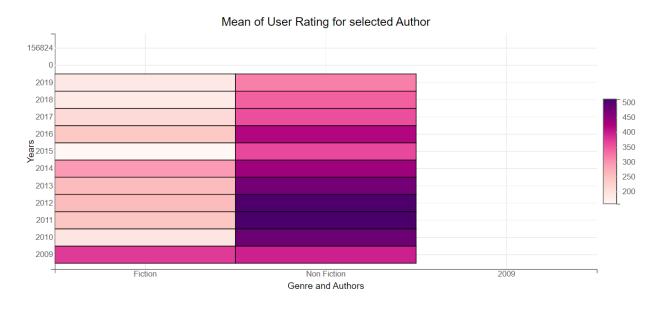


FIGURE 2: MEAN USER RATING VS GENRE AND AUTHORS

If we see the trend of all books against the total reviews received, we can see that a few of the books have performed exceptionally well, like they have crossed 6000 and 8000 marks.

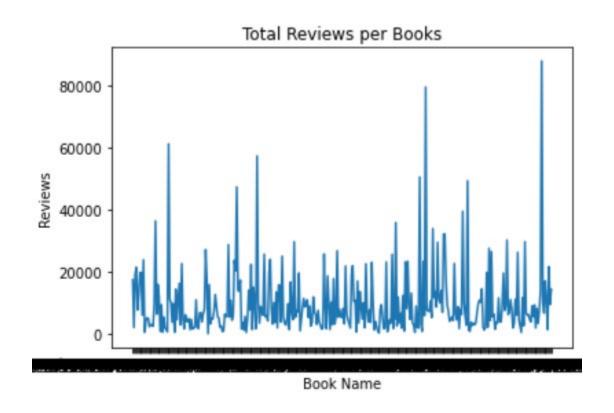


FIGURE 3: BOOKS IN AGAINST OF TOTAL REVIEWS

As a gist of the dataset, it consists of amazon's top 50 bestselling books from 2009 to 2019. Contains 550 books, data has been categorized into fiction and non-fiction using good reads. I've tried exploring the data set by initially checking the null values in data and then understanding their data types. This data has seven columns Name, Author, User Rating, Reviews, Price, Year, and Genre. We can also run some analysis on the price variable to understand the average price of books.

References

Image 1: Courtesy of Bold Type Books, Public Affairs (https://content.fortune.com/wp-content/uploads/2021/06/amazon-best-business-books-2021.png?resize=750,500)

Image 2: Fiction, Non- fiction.jpeg (https://image.slidesharecdn.com/fiction-150215205327-conversion-gate01/95/fiction-and-nonfiction-1-638.jpg?cb=1426377853)

Badjatya Palash, 2021, Figure 1: Total user rating vs. genre, Figure 2: Mean user rating vs. genre and author, and Figure 3: Books in against of total reviews from final_project_part3_badjatya_palash.ipynb(https://mybinder.org/v2/gh/palashbadjatya01/finalproject part3.git/HEAD)

Data Source: Amazon Top 50 Bestselling Books 2009 – 2019, (https://www.kaggle.com/sootersaalu/amazon-top-50-bestselling-books-2009-2019)

4