



Amazon Top 50 Bestselling Books 2009 – 2019

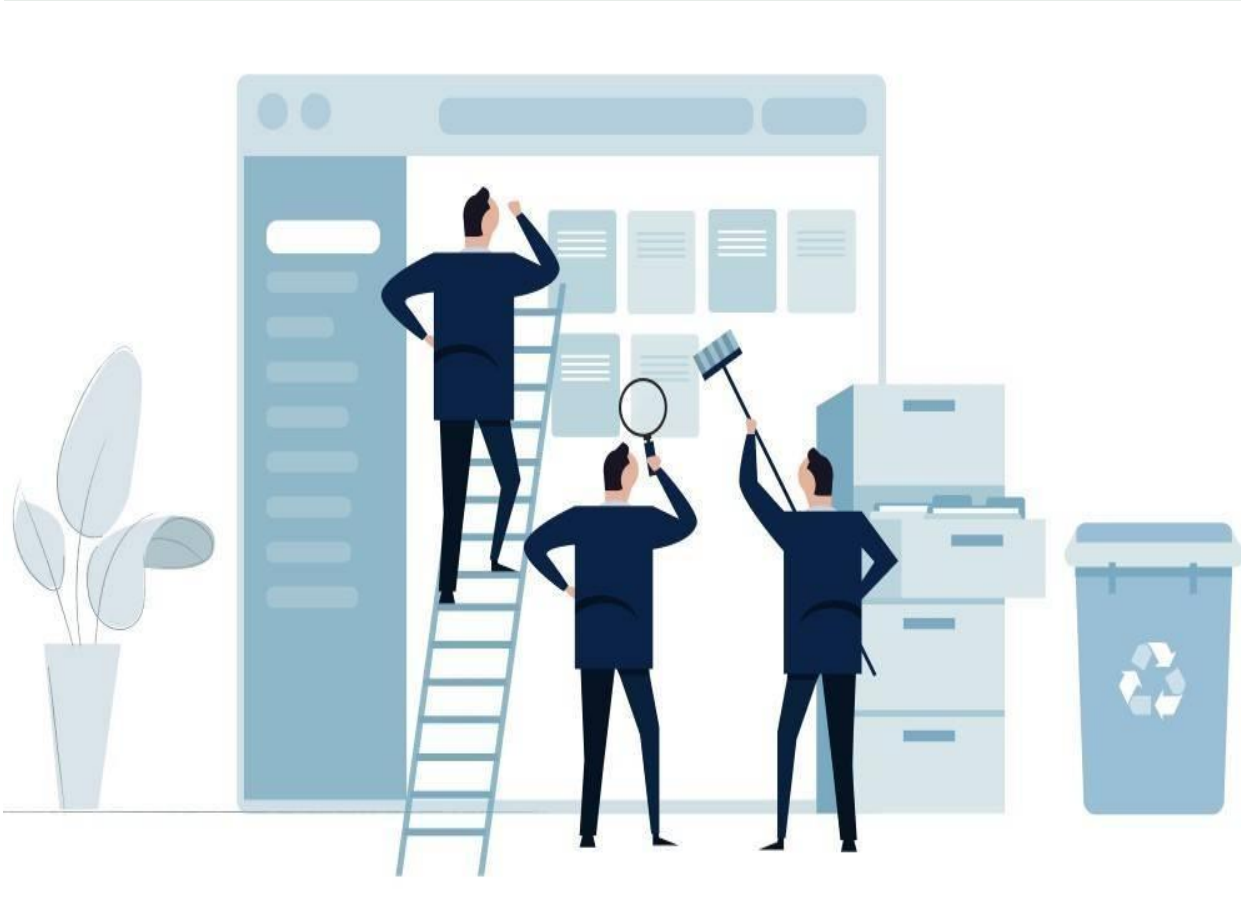
Analyzing Amazon
Store Books online

About Dataset

The dataset contains 7 columns and 550 rows.
It haven't any duplicate values and there are
no null values.

```
amazon.head()
```

	Name	Author	User	Rating	Reviews	Price	Year	Genre
0	10-Day Green Smoothie Cleanse	JJ Smith		4.7	17350	8	2016	Non Fiction
1	11/22/63: A Novel	Stephen King		4.6	2052	22	2011	Fiction
2	12 Rules for Life: An Antidote to Chaos	Jordan B. Peterson		4.7	18979	15	2018	Non Fiction
3	1984 (Signet Classics)	George Orwell		4.7	21424	6	2017	Fiction
4	5,000 Awesome Facts (About Everything!) (Natio...	National Geographic Kids		4.8	7665	12	2019	Non Fiction



Data Cleaning and Appending

Dataset after
cleaning and
appending

The data dose not need cleaning and
we add two columns (Sales , Name
Length) to easy analysis.

```
amazon.head()
```

	Name	Author	User	Rating	Reviews	Price	Year	Genre	Sales	Name Length
0	10-Day Green Smoothie Cleanse	JJ Smith		4.7	17350	8	2016	Non Fiction	138800	29
1	11/22/63: A Novel	Stephen King		4.6	2052	22	2011	Fiction	45144	17
2	12 Rules for Life: An Antidote to Chaos	Jordan B. Peterson		4.7	18979	15	2018	Non Fiction	284685	39
3	1984 (Signet Classics)	George Orwell		4.7	21424	6	2017	Fiction	128544	22
4	5,000 Awesome Facts (About Everything!) (Natio...	National Geographic Kids		4.8	7665	12	2019	Non Fiction	91980	66



Data Visualization

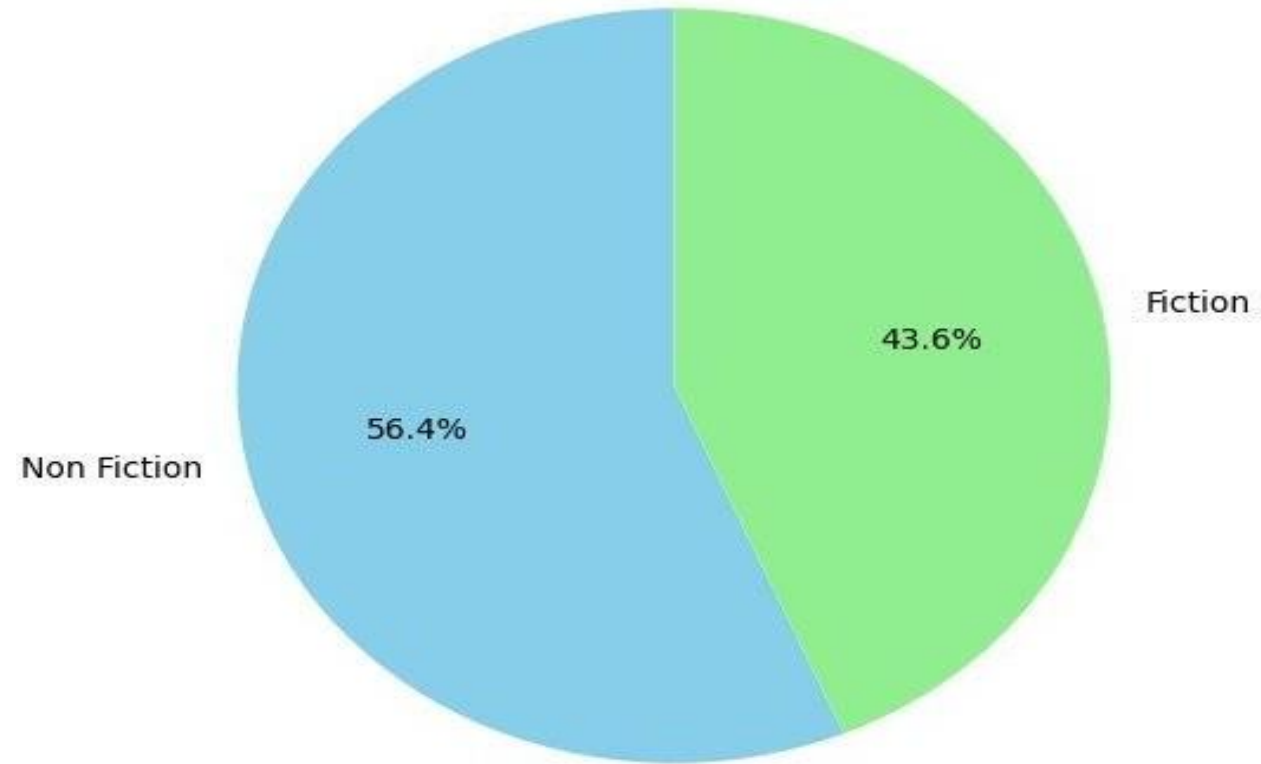
Book Genres



01

What are the most popular genres of books over the past decade?

Genre Distribution

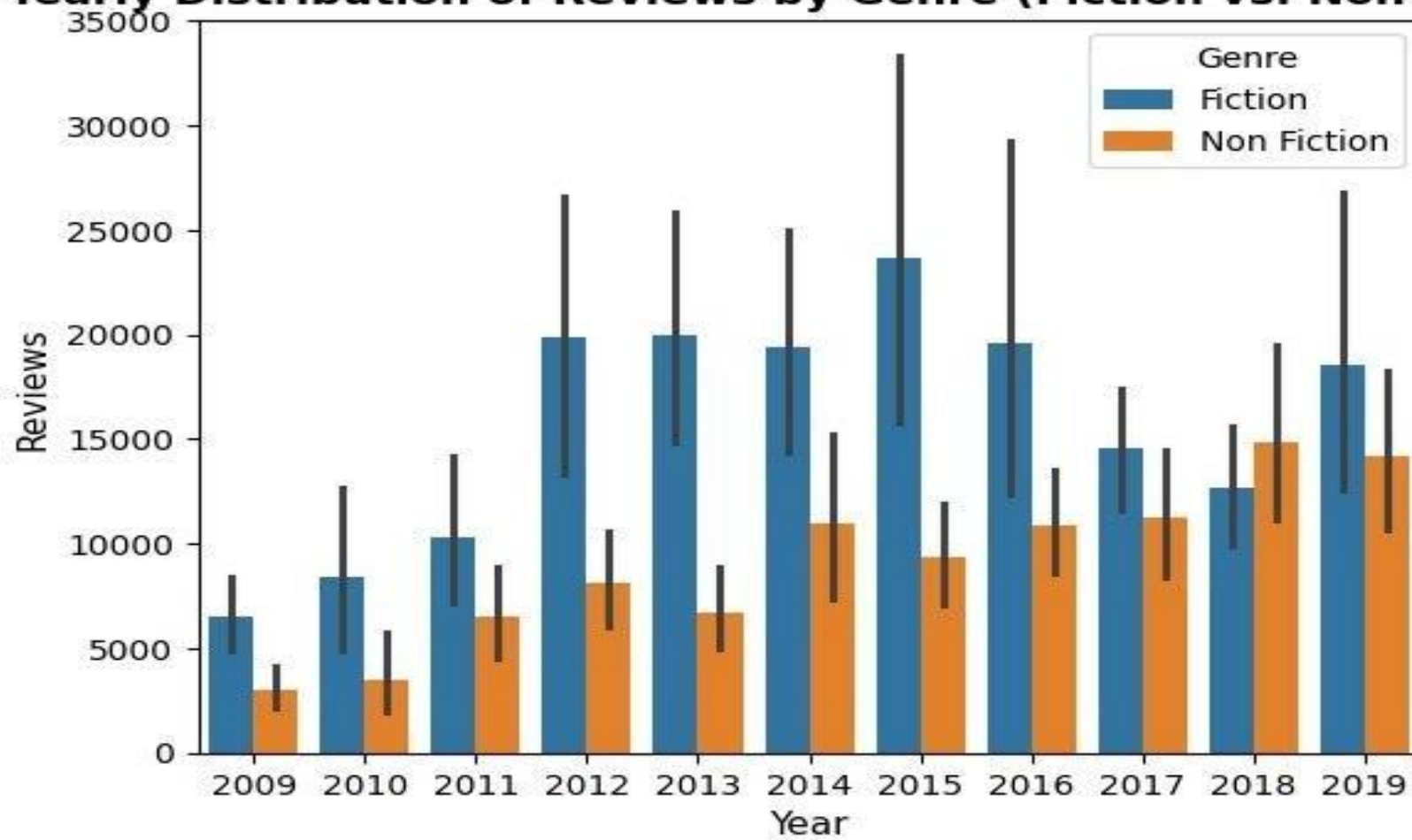




02

How does the trend of reviews differ between Fiction and Non-Fiction genres over the years?

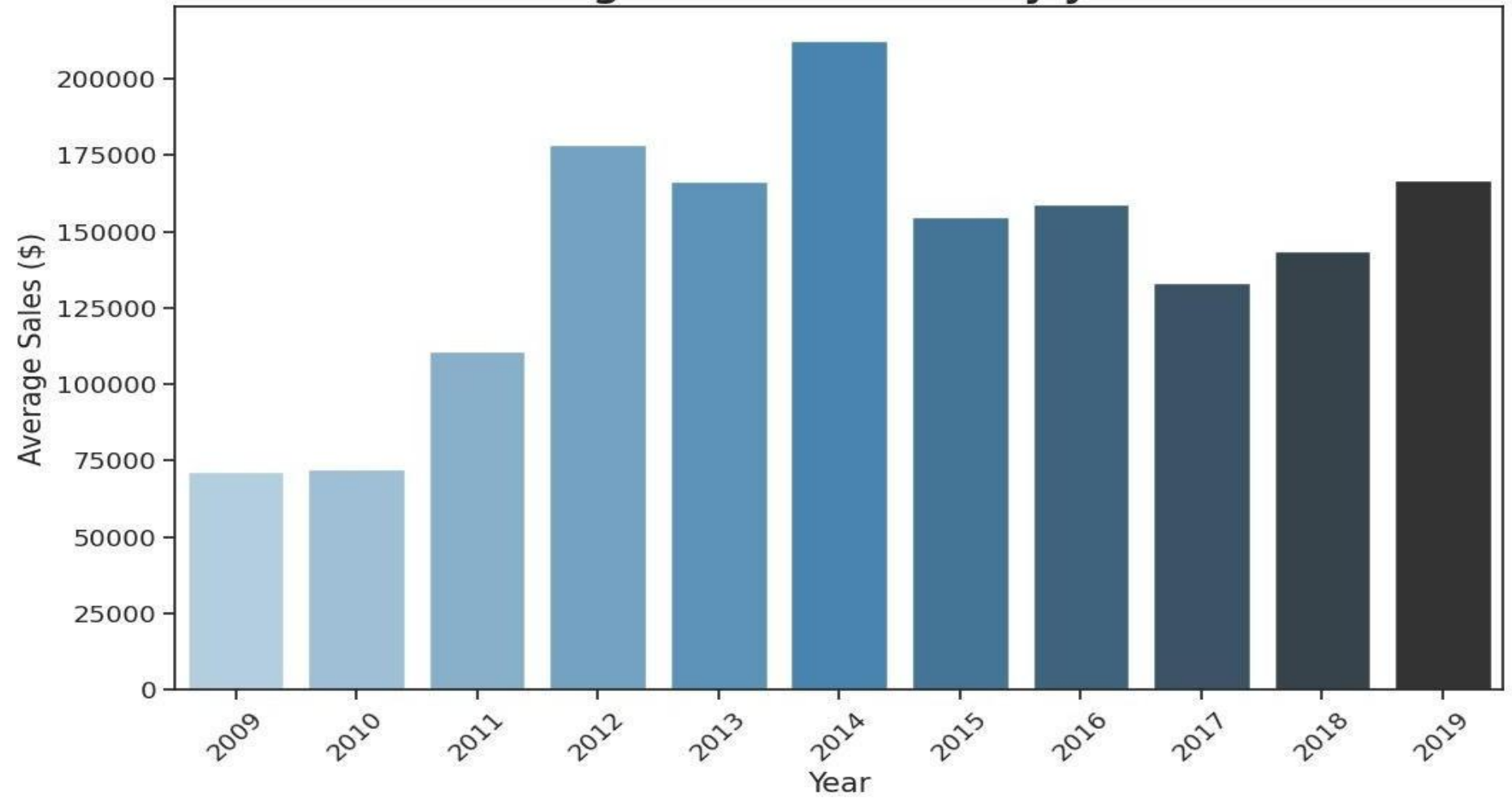
Yearly Distribution of Reviews by Genre (Fiction vs. Non-Fiction)



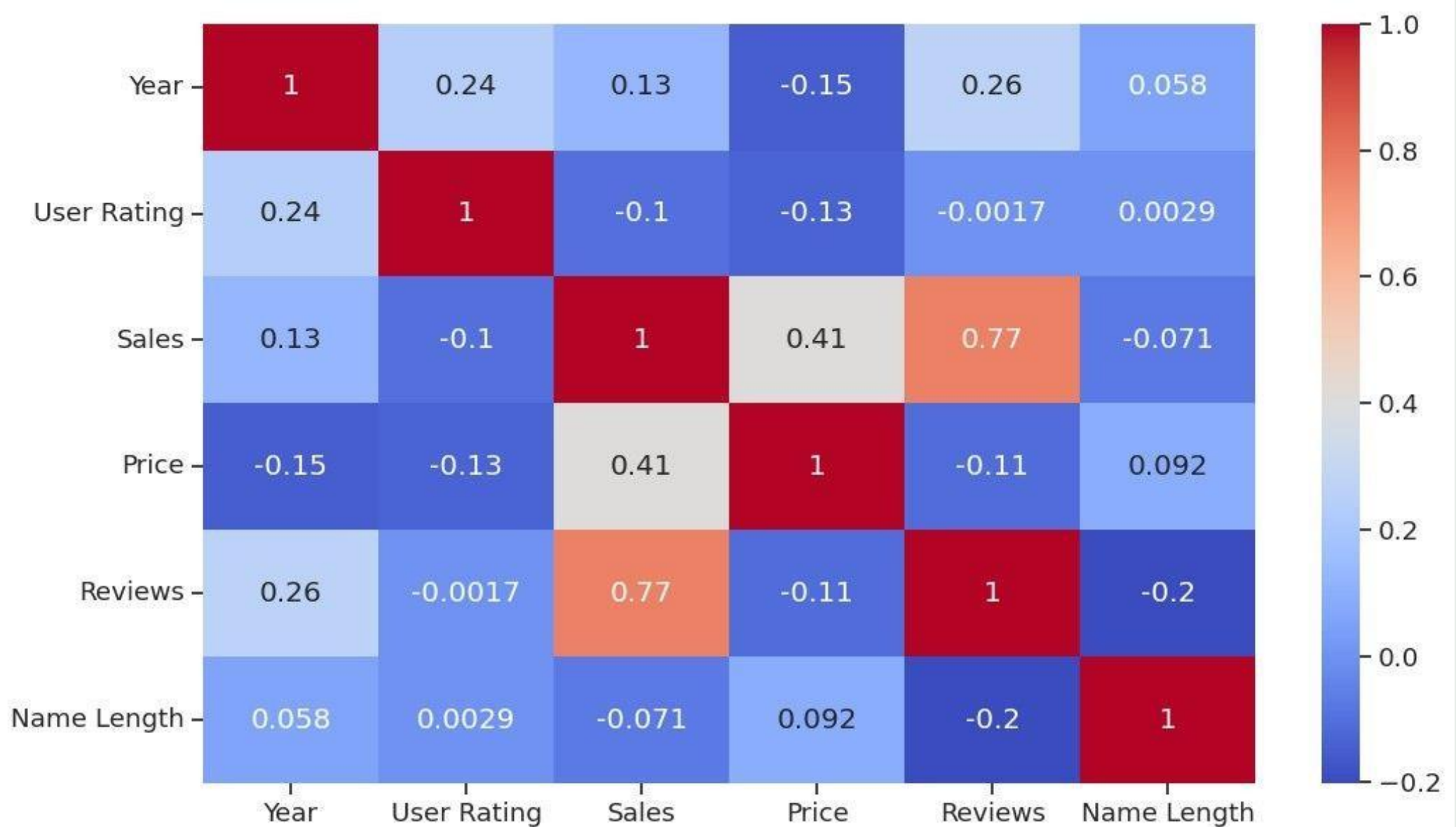


03
What is the average
sales of books in the
dataset?

avarge sales of books by years



Correlation Heatmap of Book Features

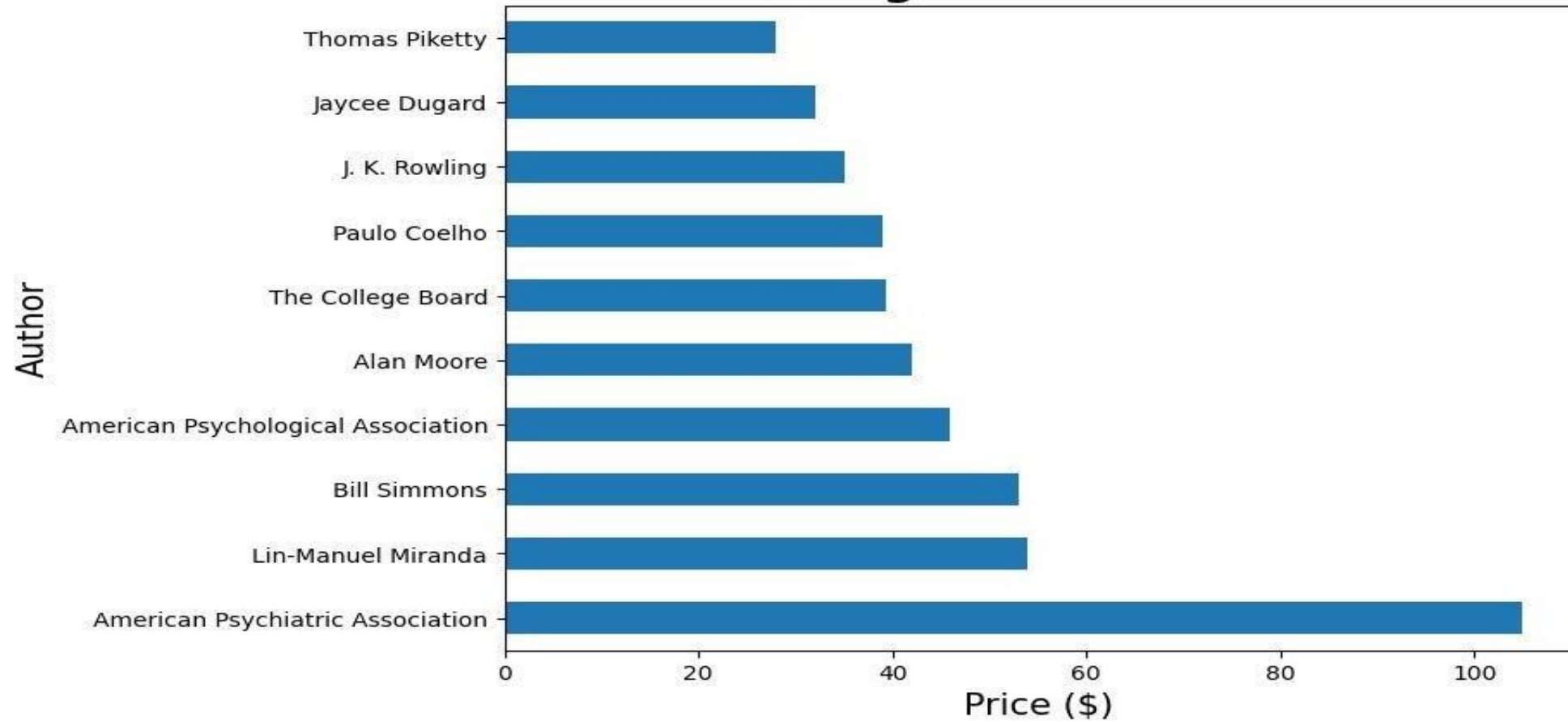




04

Which author has the highest-priced book ?

Best Selling Authors as Per Price

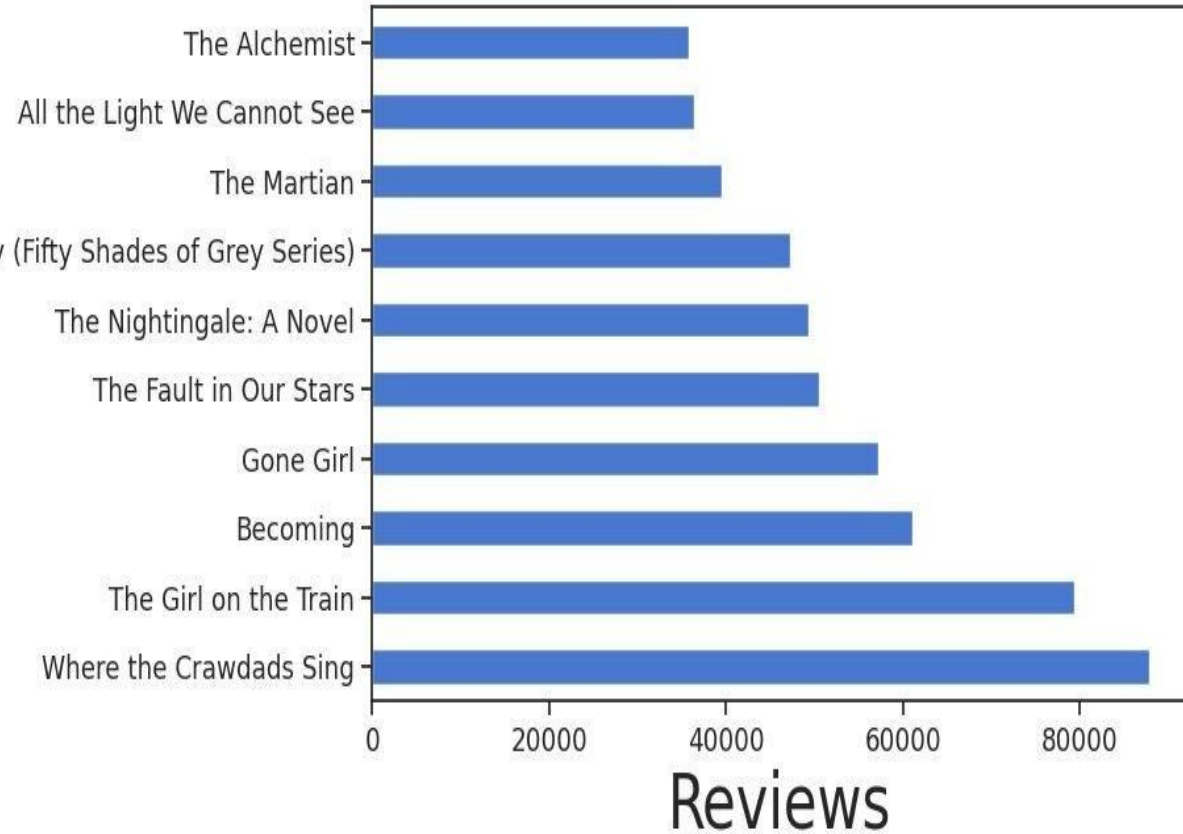




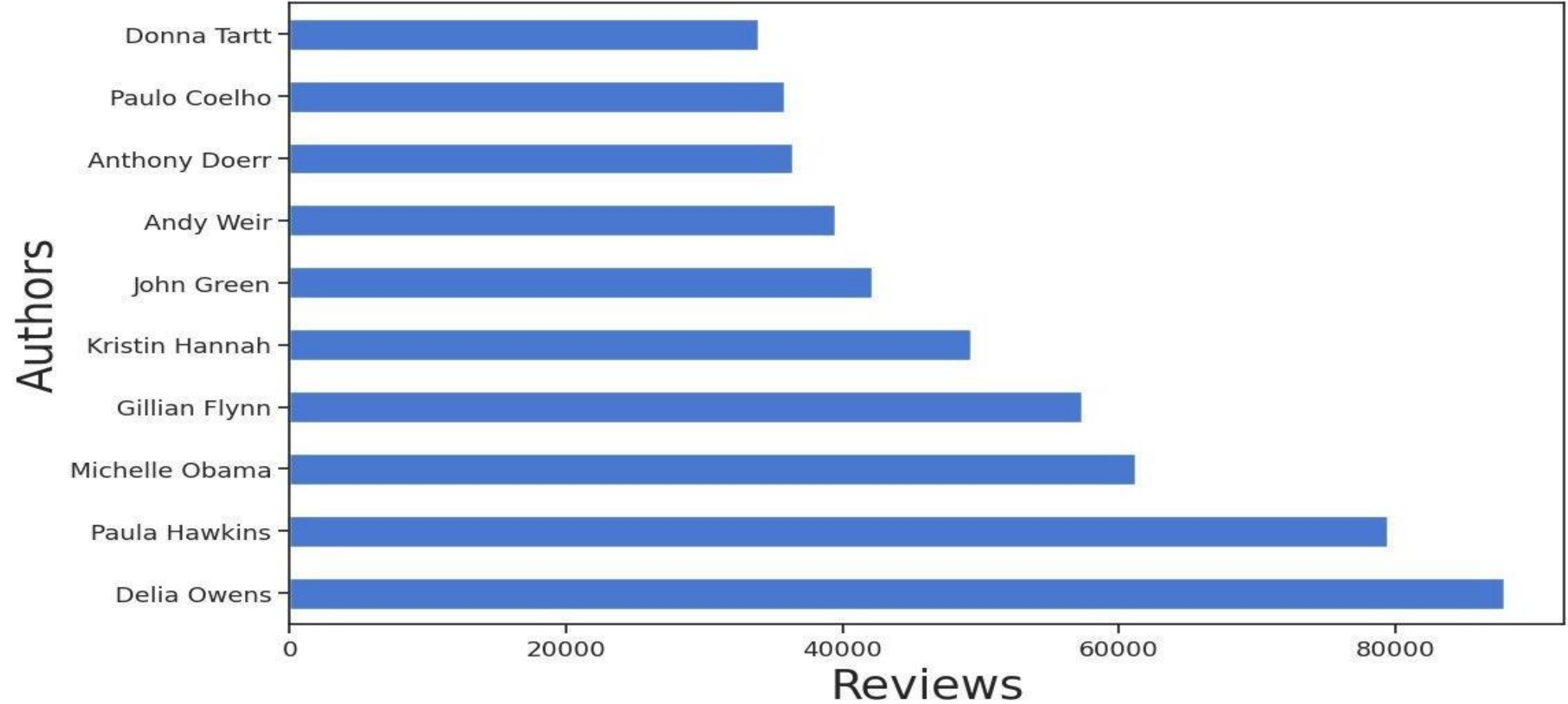
05
Which authors and
books has the most
reviews ?

Book

Most Reviewed Books



Most Reviews Author

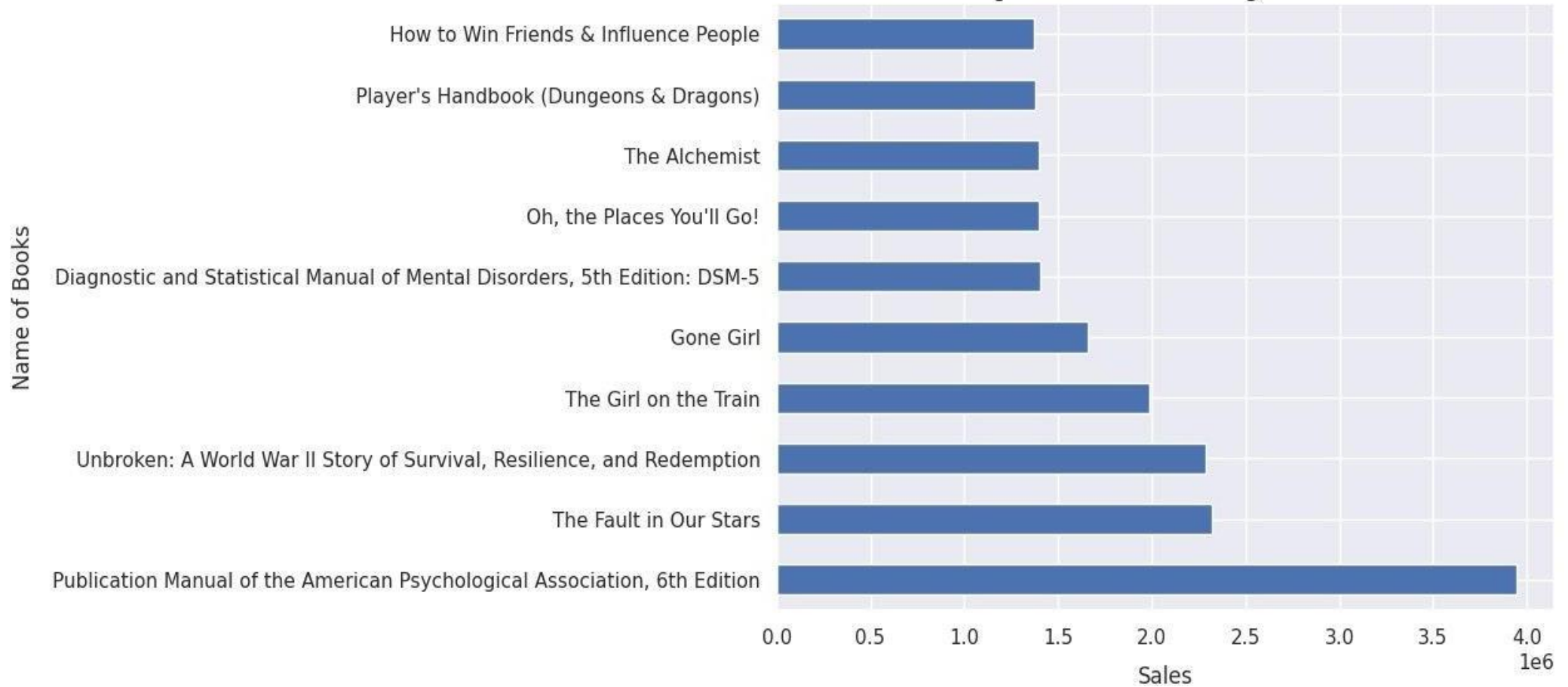




06

What are the top 10
books by sales ?

Top 10 books by sales



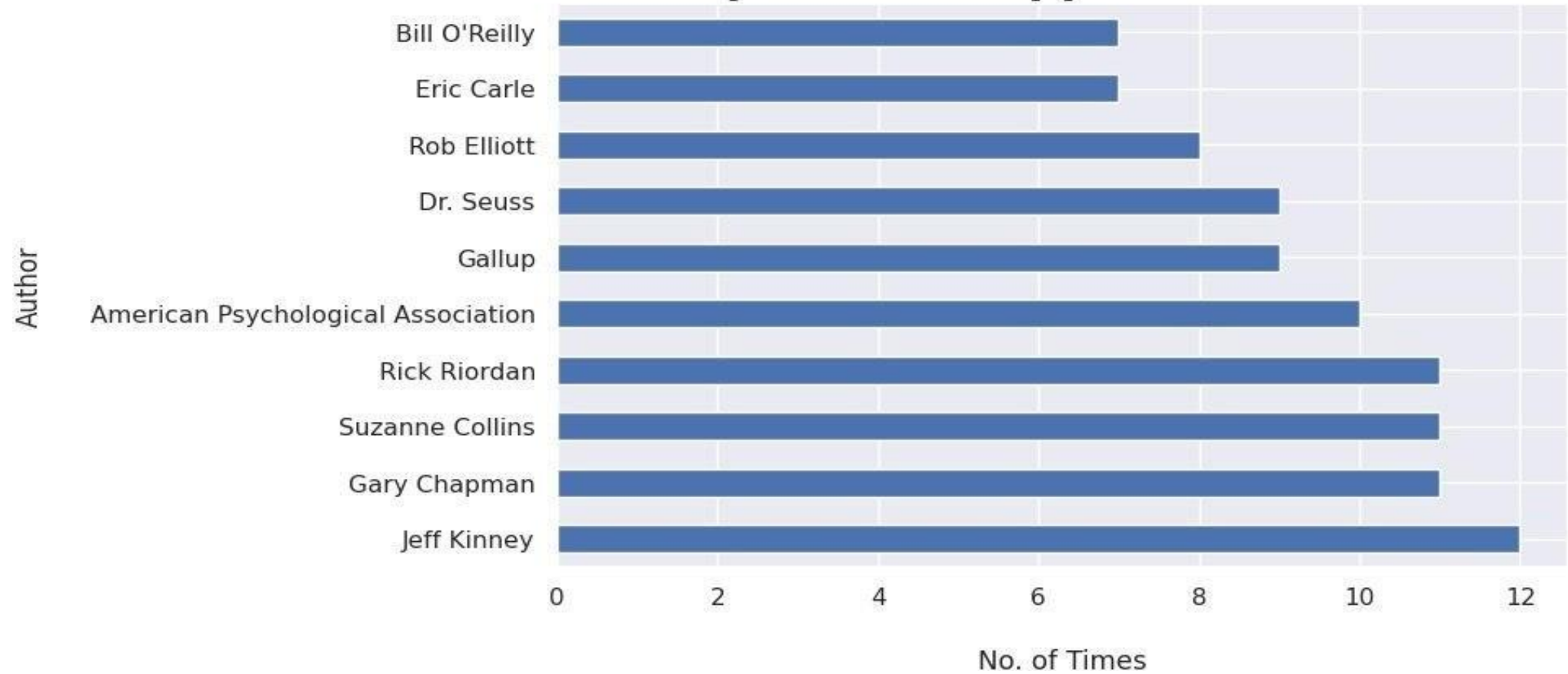


07
Which authors and
books appear most
frequently?

Top 10 Most Appeared Books



Top 10 Most Appeared Authors

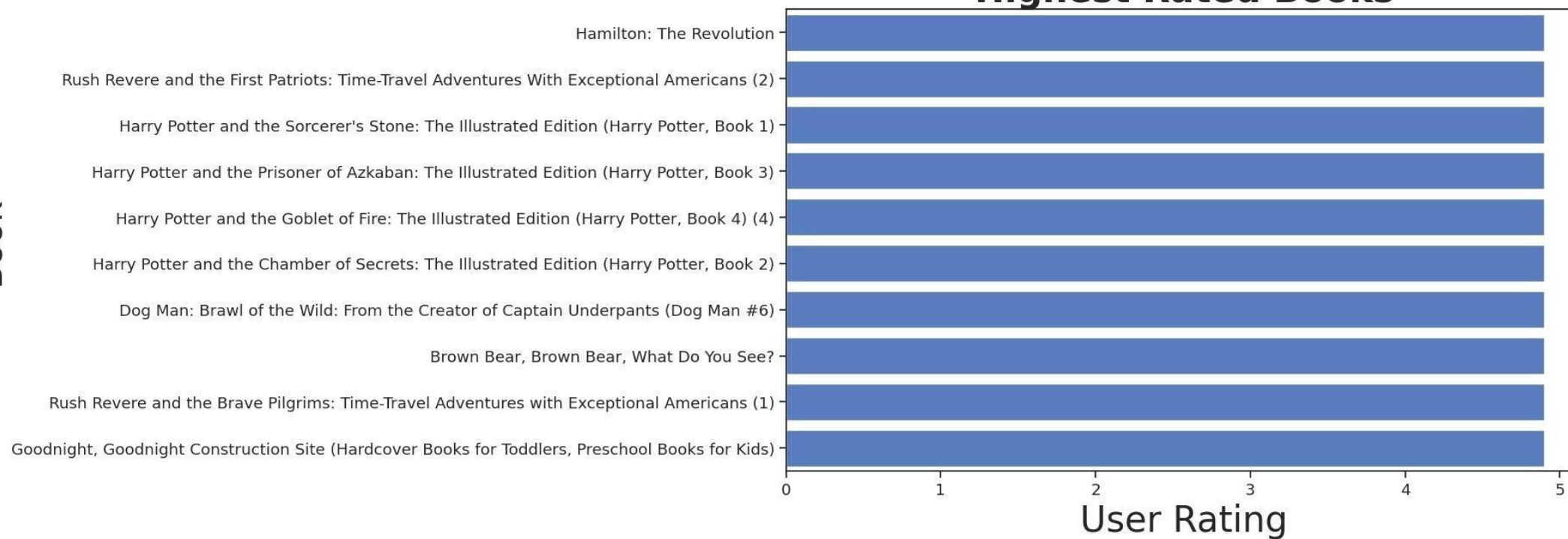




08

What are the books that have received the highest ratings?

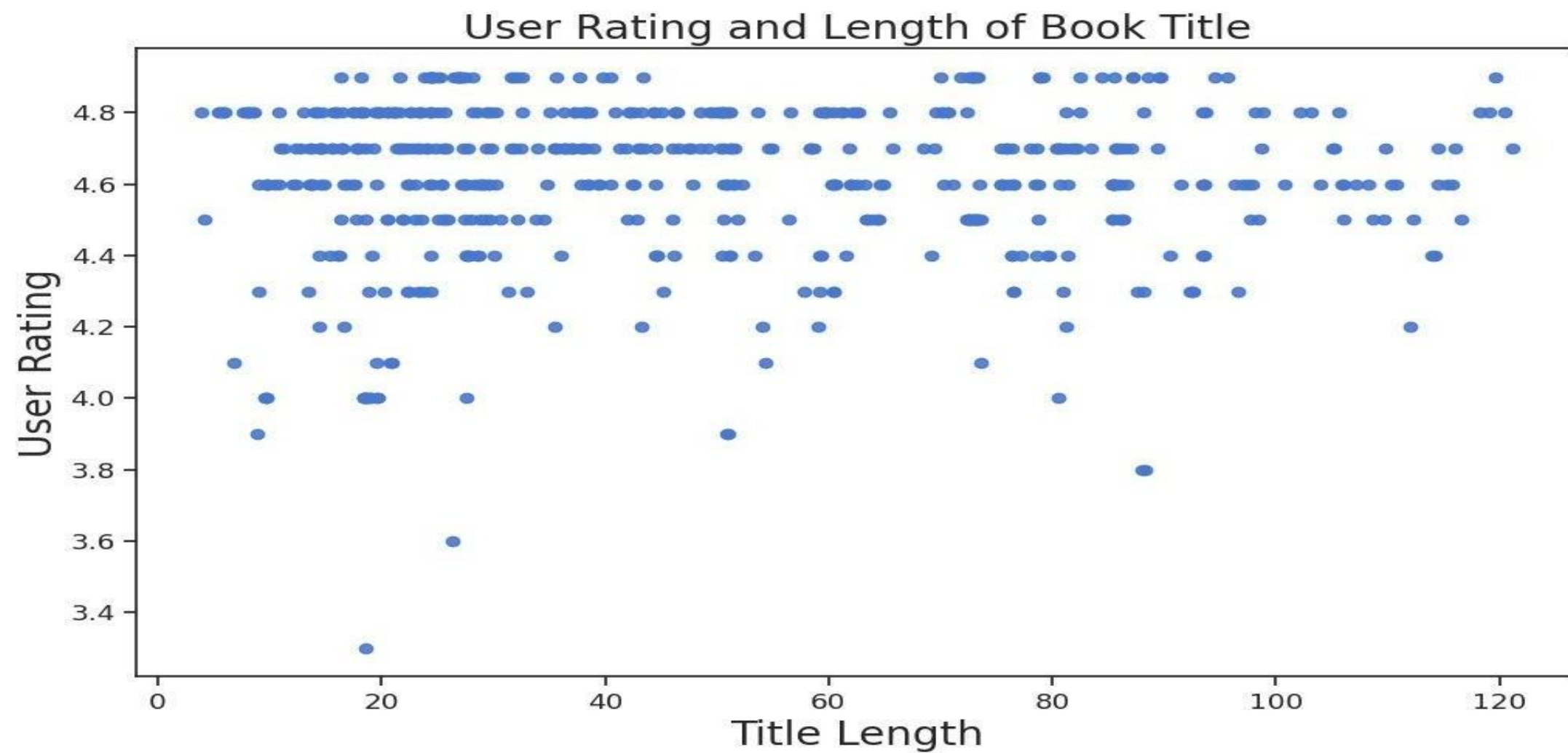
Highest Rated Books



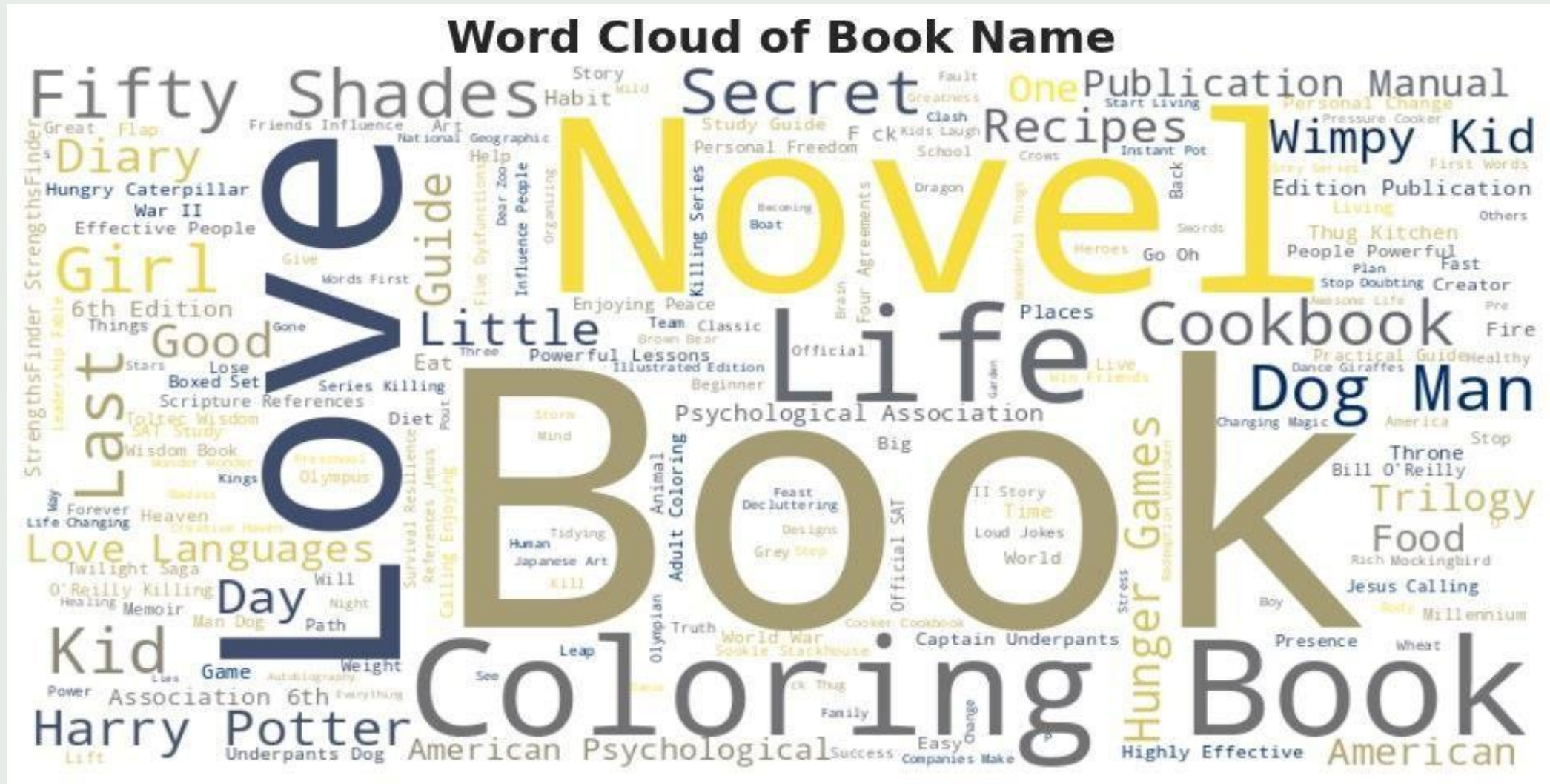


08

Does the length of book
title affect User Rating?



Visualize the most frequently used words



Thank you

Anas Hasan

[linkedin.com/in/anas-hasan-60150b30b](https://www.linkedin.com/in/anas-hasan-60150b30b)