

Amazon Best Selling Books

- The data set is acquired from [Kaggle](#).
- It uses basic Python libraries like numpy, matplotlib, pandas and some extra libraries used for easier plotting: seaborn

Sample Data:

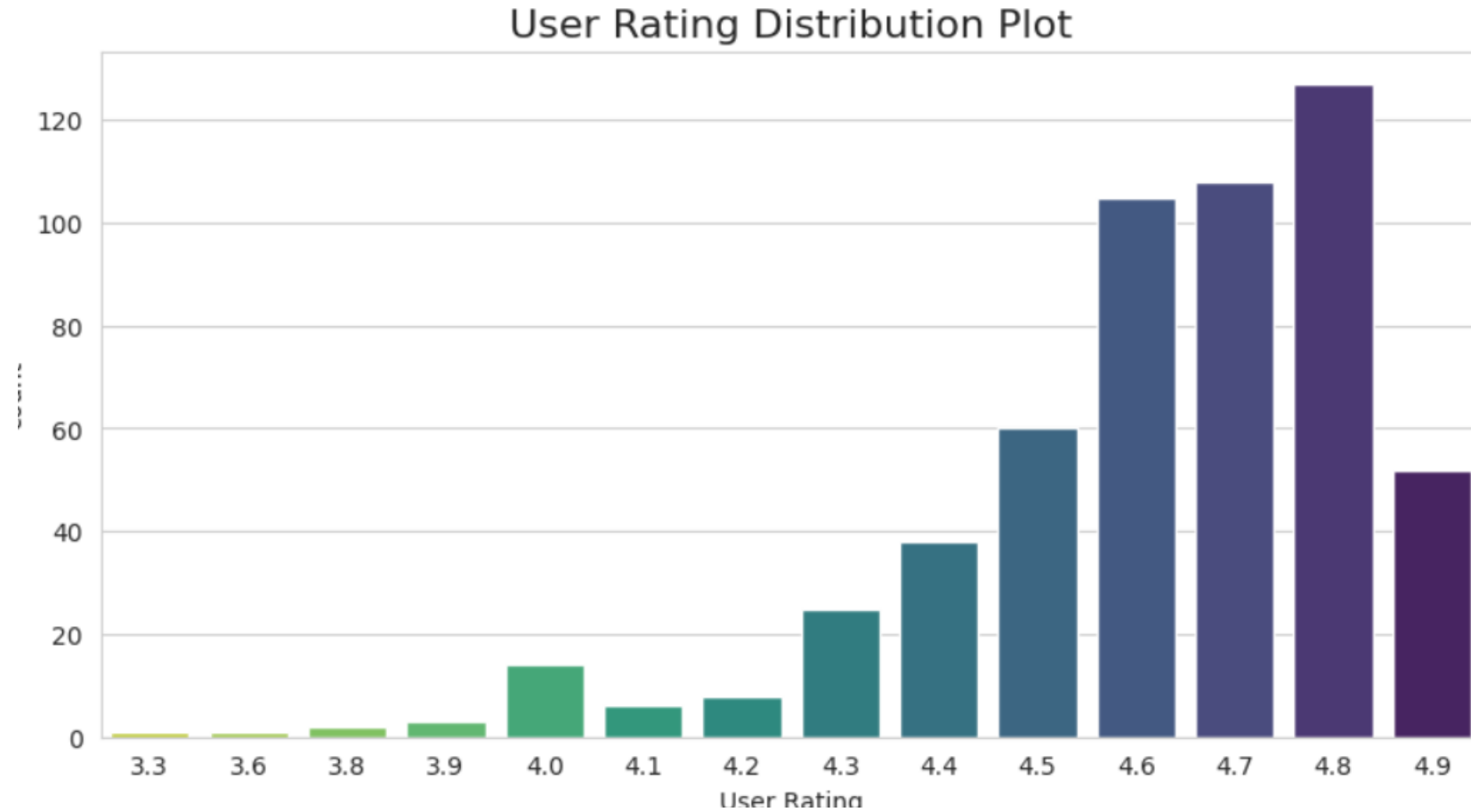
	Name	Author	User Rating	Reviews	Price	Year	Genre
0	10-Day Green Smoothie Cleanse	JJ Smith	4.7	17350	8	2016	Non Fiction
1	11/22/63: A Novel	Stephen King	4.6	2052	22	2011	Fiction
2	12 Rules for Life: An Antidote to Chaos	Jordan B. Peterson	4.7	18979	15	2018	Non Fiction
3	1984 (Signet Classics)	George Orwell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

Example of some python features used

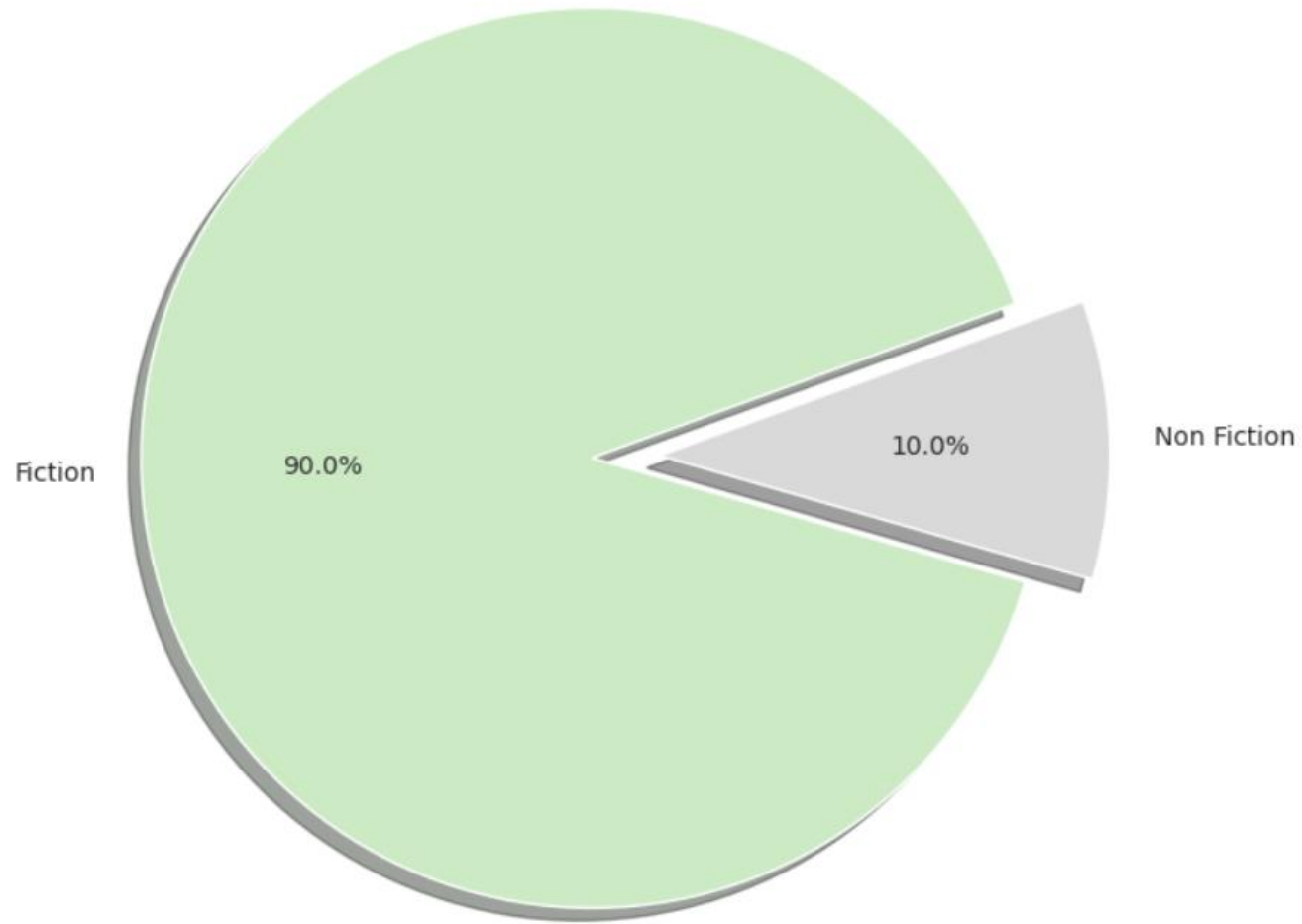
```
df.sort_values('Reviews',ascending=False).head(10)
```

	Name	Author	User	Rating	Reviews	Price	Year	Genre
534	Where the Crawdads Sing	Delia Owens		4.8	87841	15	2019	Fiction
382	The Girl on the Train	Paula Hawkins		4.1	79446	18	2015	Fiction
383	The Girl on the Train	Paula Hawkins		4.1	79446	7	2016	Fiction
32	Becoming	Michelle Obama		4.8	61133	11	2018	Non Fiction
33	Becoming	Michelle Obama		4.8	61133	11	2019	Non Fiction
137	Gone Girl	Gillian Flynn		4.0	57271	9	2014	Fiction
135	Gone Girl	Gillian Flynn		4.0	57271	10	2012	Fiction
136	Gone Girl	Gillian Flynn		4.0	57271	10	2013	Fiction
368	The Fault in Our Stars	John Green		4.7	50482	13	2014	Fiction
367	The Fault in Our Stars	John Green		4.7	50482	7	2014	Fiction

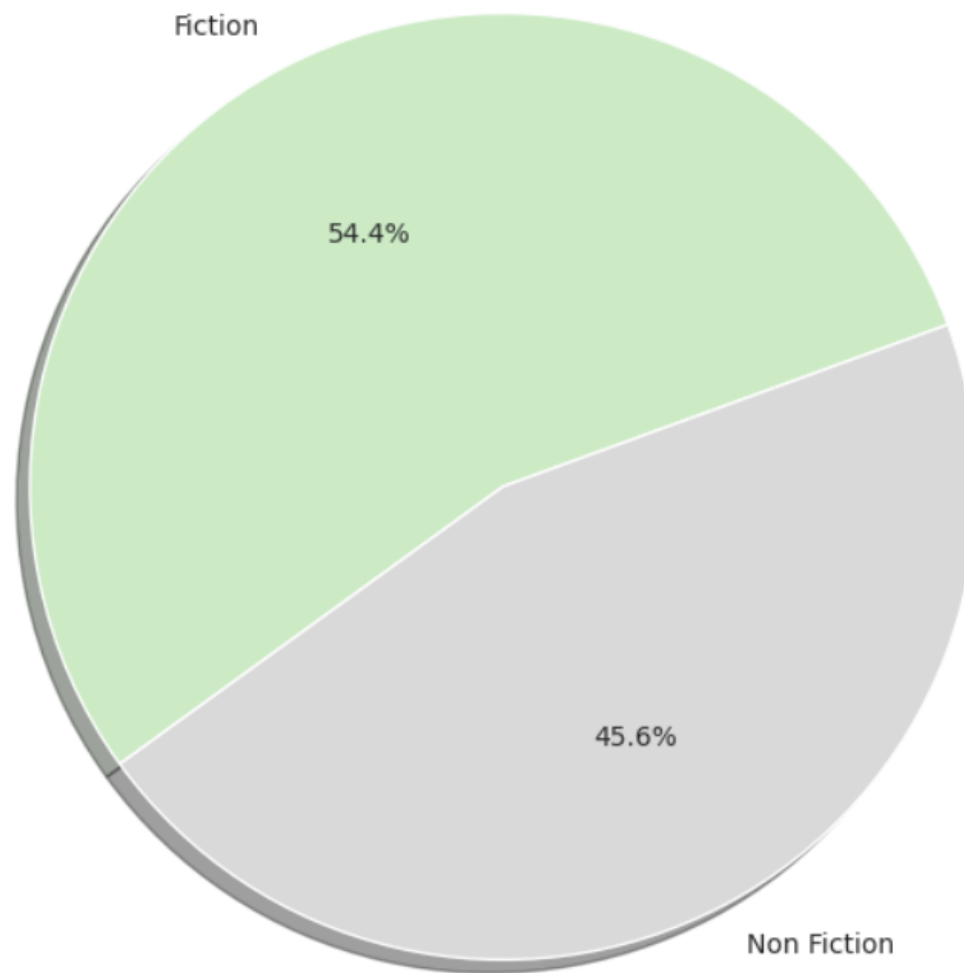
Plots: Number of users according to rating



Fiction vs Non-fiction(Top 10)



Fiction vs Non-fiction(All)



Listing my favorite book series

```
Books_fav = df["Name"].str.contains('Harry Potter')  
df[Books_fav]
```

	Name	Author	User	Rating	Reviews	Price	Year	Genre
102	Fantastic Beasts and Where to Find Them: The O...	J.K. Rowling		4.7	4370	15	2016	Fiction
153	Harry Potter and the Chamber of Secrets: The I...	J.K. Rowling		4.9	19622	30	2016	Fiction
154	Harry Potter and the Cursed Child, Parts 1 & 2...	J.K. Rowling		4.0	23973	12	2016	Fiction
155	Harry Potter and the Goblet of Fire: The Illus...	J. K. Rowling		4.9	7758	18	2019	Fiction
156	Harry Potter and the Prisoner of Azkaban: The ...	J.K. Rowling		4.9	3146	30	2017	Fiction
157	Harry Potter and the Sorcerer's Stone: The Ill...	J.K. Rowling		4.9	10052	22	2016	Fiction
158	Harry Potter Coloring Book	Scholastic		4.7	3564	9	2015	Non Fiction
159	Harry Potter Paperback Box Set (Books 1-7)	J. K. Rowling		4.8	13471	52	2016	Fiction
475	The Unofficial Harry Potter Cookbook: From Cau...	Dinah Bucholz		4.7	9030	10	2019	Non Fiction