

Result

Contents

1..... Preprocess .

1..... Load data

1..... Data Cleaning

2..... Most Selling Books within the Harry Potter Series

Preprocess

Load data

Data loaded success

	book_id	goodreads_book_id	best_book_id	work_id	books_count	isbn	isbn13	authors	original_publication_year	original_title	...	ratings_count	woi
0	1	2767052	2767052	2792775	272	439023483	9.780439e+12	Suzanne Collins	2008.0	The Hunger Games	...	4780653	
1	2	3	3	4640799	491	439554934	9.780440e+12	J.K. Rowling, Mary GrandPré	1997.0	Harry Potter and the Philosopher's Stone	...	4602479	
2	3	41865	41865	3212258	226	316015849	9.780316e+12	Stephenie Meyer	2005.0	Twilight	...	3866839	

3 rows x 23 columns

Data Cleaning

Data not contain null value

book_id	0
goodreads_book_id	0
best_book_id	0
work_id	0
books_count	0
isbn	0
isbn13	0
authors	0
original_publication_year	0
original_title	0
title	0
language_code	0
average_rating	0
ratings_count	0
work_ratings_count	0
work_text_reviews_count	0
ratings_1	0
ratings_2	0
ratings_3	0
ratings_4	0
ratings_5	0
image_url	0
small_image_url	0
dtype: int64	

```
print("Unique Harry Potter Books:")
print(df_hp['original_title'].unique())
```

```
Unique Harry Potter Books:
["Harry Potter and the Philosopher's Stone"
 'Harry Potter and the Prisoner of Azkaban'
 'Harry Potter and the Order of the Phoenix'
 'Harry Potter and the Chamber of Secrets'
 'Harry Potter and the Goblet of Fire'
 'Harry Potter and the Deathly Hallows'
 'Harry Potter and the Half-Blood Prince'
 'Complete Harry Potter Boxed Set'
 'Harry Potter Collection (Harry Potter, #1-6)'
 'The Magical Worlds of Harry Potter: A Treasury of Myths, Legends, and Fascinating Facts']
```

Most Selling Books within the Harry Potter Series

most_selling_books.head(5)												
book_id	goodreads_book_id	best_book_id	work_id	books_count	isbn	isbn13	authors	original_publication_year	original_title	...	ratings_count	v
1	2	3	3	4640799	491	439554934	9.780440e+12	J.K. Rowling, Mary GrandPré	1997.0	Harry Potter and the Philosopher's Stone	...	4602479
6	18	5	5	2402163	376	043965548X	9.780440e+12	J.K. Rowling, Mary GrandPré, Rufus Beck	1999.0	Harry Potter and the Prisoner of Azkaban	...	1832823
9	23	15881	15881	6231171	398	439064864	9.780439e+12	J.K. Rowling, Mary GrandPré	1998.0	Harry Potter and the Chamber of Secrets	...	1779331
10	24	6	6	3046572	332	439139600	9.780439e+12	J.K. Rowling, Mary GrandPré	2000.0	Harry Potter and the Goblet of Fire	...	1753043
11	25	136251	136251	2963218	263	545010225	9.780545e+12	J.K. Rowling, Mary GrandPré	2007.0	Harry Potter and the Deathly Hallows	...	1746574
5 rows × 23 columns												

Calculate the average rating of the Harry Potter books

Calculate the average rating of the Harry Potter books: 4.4910000000000005

Top selling books

```
: print(most_selling_books.head(2))
```

	book_id	goodreads_book_id	best_book_id	work_id	books_count	isbn	\
1	2	3	3	4640799	491	439554934	
6	18	5	5	2402163	376	043965548X	

	isbn13	authors	\
1	9.780440e+12	J.K. Rowling, Mary GrandPré	
6	9.780440e+12	J.K. Rowling, Mary GrandPré, Rufus Beck	

	original_publication_year	original_title	...	\
1	1997.0	Harry Potter and the Philosopher's Stone	...	
6	1999.0	Harry Potter and the Prisoner of Azkaban	...	

	ratings_count	work_ratings_count	work_text_reviews_count	ratings_1	\
1	4602479	4800065	75867	75504	
6	1832823	1969375	36099	6716	

	ratings_2	ratings_3	ratings_4	ratings_5	\
1	101676	455024	1156318	3011543	
6	20413	166129	509447	1266670	

	image_url	\
1	https://images.gr-assets.com/books/1474154022m...	
6	https://images.gr-assets.com/books/1499277281m...	

	small_image_url
1	https://images.gr-assets.com/books/1474154022s...
6	https://images.gr-assets.com/books/1499277281s...

[2 rows x 23 columns]

Average Rating of the Harry Potter Books: 4.4910000000000005