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20221372110

Cloud assignment 2

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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']

Missing Values:
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

The Most Selling Books in Harry Potter Series:
original_title
Harry Potter and the Philosopher's Stone    4602479
Harry Potter and the Prisoner of Azkaban    1832823
Harry Potter and the Chamber of Secrets    1779331
Harry Potter and the Goblet of Fire        1753043
Harry Potter and the Deathly Hallows      1746574
Name: ratings_count, dtype: int64
```

This output explains the data set of the Harry potter books we have in the dataset. It tells us the missing values in the columns tells us the most selling most books in the harry potter series based on the ratings counts

- The list presents various Harry Potter books, including the original titles and collections. It gives an overview of the different books within the series.
- The summary indicates that there are no missing values in any of the columns which means the dataset's completeness and reliability for analysis.
- The code identifies the top-selling Harry Potter books based on the number of ratings received. The Philosopher's Stone is the most popular, followed by titles like the Prisoner of Azkaban, Chamber of Secrets, Goblet of Fire, and Deathly Hallows. So this analysis provides valuable insights into the Harry Potter book series showing us its popularity and diversity within the dataset.

Average rating of the Harry Potter books: 4.49

From this we can see that the average is 4.49. This means that the books in the series have been high rated by the readers which means that these books are popular among the people and the audiences.