

Cloud Computing

Assignment 2

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The results of the Harry Potter Book series analysis:

- 1- The most selling book is Harry Potter and the Sorcerer's Stone
- 2- The average rating of the Harry Potter books is 4.489

```
[5]: #show the most selling books within the Harry Potter series
max_index = harrypotter['books_count'].idxmax()
max_value = cdf.loc[max_index, 'books_count']
title_value = cdf.loc[max_index, 'title']
print("Maximum value:", max_value)
print("Title:", title_value)
```

```
Maximum value: 491
Title: Harry Potter and the Sorcerer's Stone (Harry Potter, #1)
```

```
[6]: #calculate the average rating of the Harry Potter books
avg = (harrypotter.average_rating * harrypotter.ratings_count).sum() / harrypotter.ratings_count.sum()
avg
```

```
[6]: 4.489114370335377
```

```
[ ]:
```