

# Cloud Assignment

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## Results

The most selling book is harry potter and the sorcerer's stone

Average rating 4.49

```
[11]: #the most selling book
max_index = hp_books['books_count'].idxmax() # Get index of the row with maximum value
max_value = df.loc[max_index, 'books_count'] # Get maximum value
title_value = df.loc[max_index, 'title'] # Get title
print("Maximum value:", max_value)
print("Title :", title_value)

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

[12]: avg = (hp_books.average_rating * hp_books.ratings_count).sum() / hp_books.ratings_count.sum()
avg

[12]: 4.489114370335377
```