Faculty of Computer and Data Sciences, Alexandria University.
Course Title: Cloud Computing 02-24-00204
Department: Intelligent Systems (2$^{nd}$ year)

# Assignment 2 | Dockerfile and Data Analysis with Popular Books Dataset

- مروان طارق امبابي رزق ابراهيم 22011615

## Analysis Results:

## Mean rating:



## Best Selling Books in order:



## Extra Stats:

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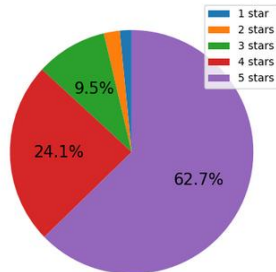
## Average ratings (max, min, std, …)

```
[13]:  hp_books['average_rating'].describe()

[13]:  count    10.000000
       mean      4.491000
       std       0.220829
       min       3.960000
       25%       4.445000
       50%       4.530000
       75%       4.592500
       max       4.740000
       Name: average_rating, dtype: float64
```
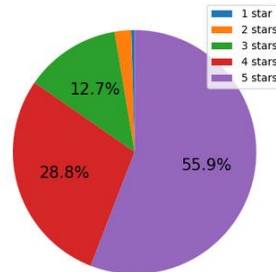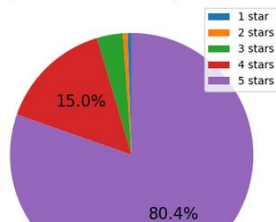
## Rating Distribution by Book

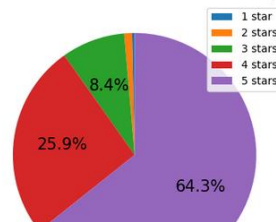Harry Potter and the Sorcerer's Stone (Harry Potter, #1)

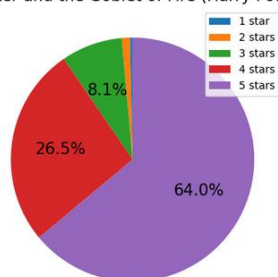Harry Potter and the Chamber of Secrets (Harry Potter, #2)

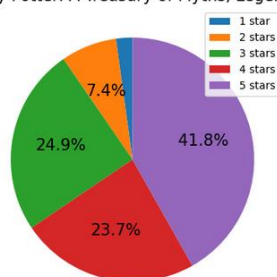Harry Potter Boxset (Harry Potter, #1-7)

Harry Potter and the Prisoner of Azkaban (Harry Potter, #3)

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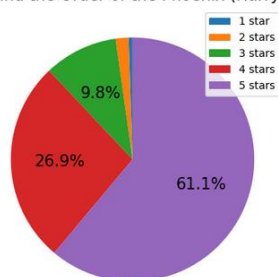Department: Intelligent Systems (2$^{nd}$ year)

Harry Potter and the Goblet of Fire (Harry Potter, #4)



The Magical Worlds of Harry Potter: A Treasury of Myths, Legends, and Fascinating Facts



Harry Potter and the Order of the Phoenix (Harry Potter, #5)



Harry Potter and the Half-Blood Prince (Harry Potter, #6)