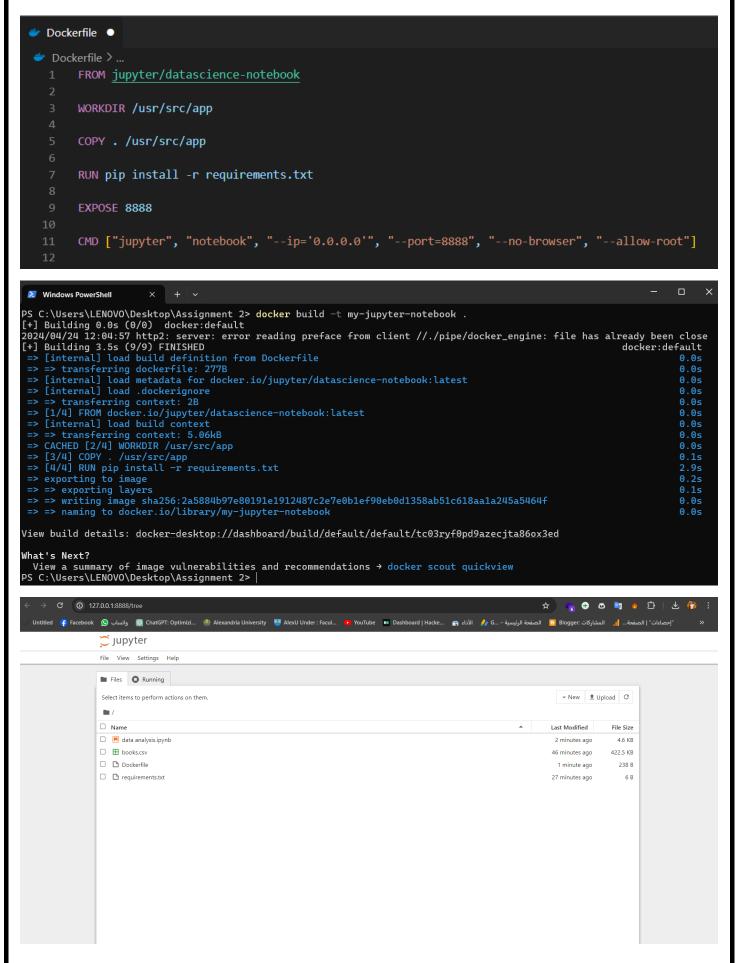
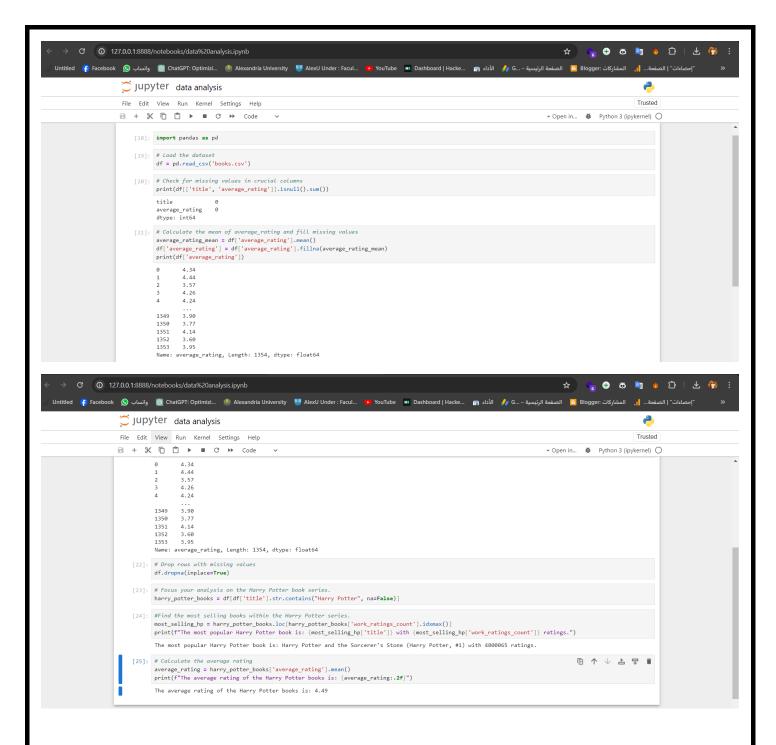
## Name: Mickel Wassef Riad Wassef – ID : 22010449 Assignment 2





## **Analysis:**

- Find the most selling books within the Harry Potter series.

```
#Find the most selling books within the Harry Potter series.
most_selling_hp = harry_potter_books.loc[harry_potter_books['work_ratings_count'].idxmax()]
print(f"The most popular Harry Potter book is: {most_selling_hp['title']} with {most_selling_hp['work_ratings_count']} ratings.")
```

The most popular Harry Potter book is: Harry Potter and the Sorcerer's Stone (Harry Potter, #1) with 4800065 ratings.

## Harry Potter and the Sorcerer's Stone (Harry Potter, #1) with 4800065 ratings.

- Calculate the average rating of the Harry Potter books.

```
[25]: # Calculate the average rating average_rating = harry_potter_books['average_rating'].mean() print(f"The average rating of the Harry Potter books is: {average_rating:.2f}")
```

The average rating of the Harry Potter books is: 4.49

4.49