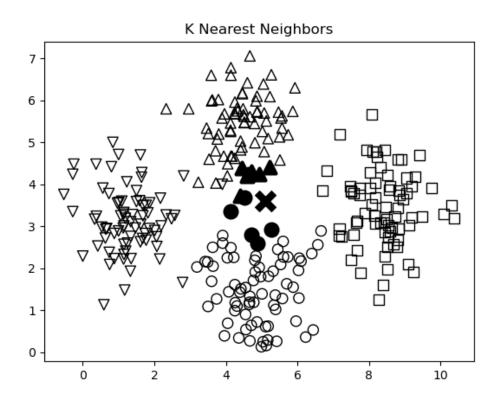
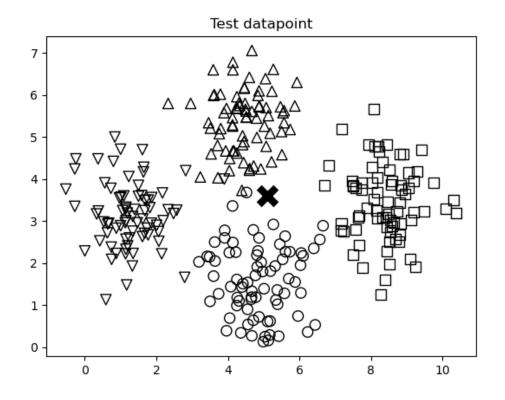


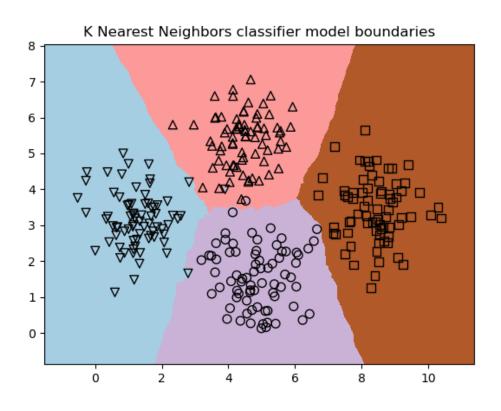
```
K Nearest Neighbors:
1 ==> [5.1 2.2]
2 ==> [3.8 3.7]
3 ==> [3.4 1.9]
4 ==> [2.9 2.5]
5 ==> [5.7 3.5]

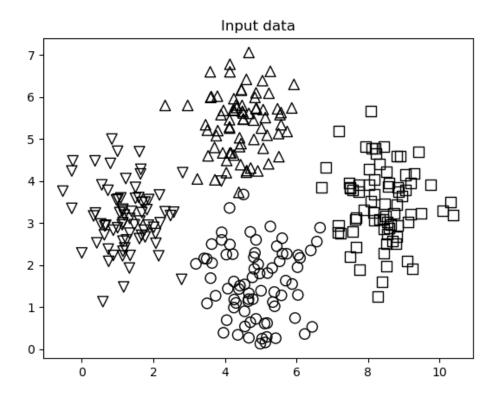
[Done] exited with code=0 in 21.81
```

6.2





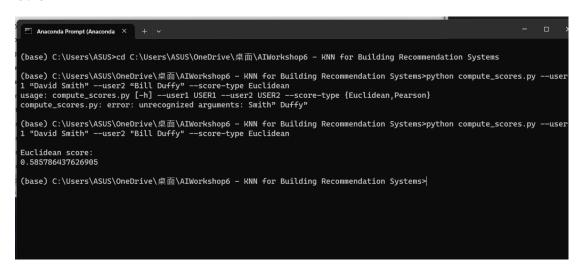




```
indices = indices.astype(np.int)[0]
Predicted output: 1

[Done] exited with code=0 in 47.321 seconds
```

6.3

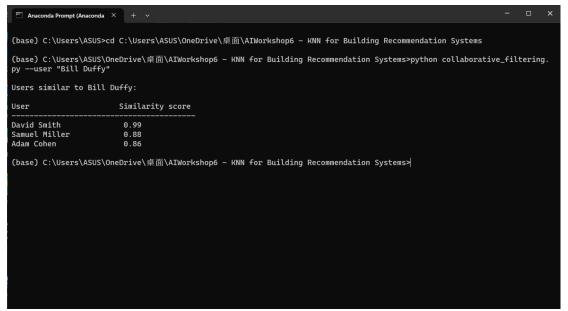


```
usage: compute_scores.py [-h] --user1 USER1 --user2 USER2 --score-type {Euclidean,Pearson} compute_scores.py: error: unrecognized arguments: Smith" Duffy"

(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>python compute_score: Pearson score: 0.9909924304103233

(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>
```

6.4



[Errno 2] No such file or directory (base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation py --user "David Smith" Users similar to David Smith: User Similarity score Chris Duncan 1.0 Bill Duffy 0.99 Adam Cohen 0.91 (base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation py --user "Samuel Miller" Users similar to Samuel Miller: User Similarity score Chris Duncan 1.0 Bill Duffy 0.88 Adam Cohen 0.8 (base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation

Project:

```
(base) C:\Users\ASUS>cd C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems
(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>python movie_recommender.py
用户 "Chris Duncan"
usage: movie_recommender.py [-h] [--user USER]
movie_recommender.py: error: unrecognized arguments: --用户 Chris Duncan

(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>python movie_recommender.py
ser "Chris Duncan"
Recommended movies for Chris Duncan:
Vertigo
Scarface
Goodfellas
Roman Holiday

(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>python movie_recommender.py
ser "David Smith"
Recommended movies for David Smith:
Roman Holiday

(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>python movie_recommender.py
ser "Bill Duffy"
Recommended movies for Bill Duffy:
Raging Bull
Roman Holiday

(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>python Systems>

(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>

(base) C:\Users\ASUS\OneDrive\桌面\AIWorkshop6 - KNN for Building Recommendation Systems>
```