```
"/Users/julian/Documents/Julian/Programmieren/Python/Big_Data_in_MediaTechnology/(BDMA) Project/bin/python" /Users/julian/Documents/Julian/Programmieren/Python/(BDMA) Project/Results.py

Part I:

We test the impact of amount of ratings that are included in our data.
We consider only the datapoints with at least 20 user ratings
We only consider wines with at least 20 ratings
We use p = 5 for the amount of similar wines that should be included in the prediction algorithm

1000 Users: 14.99% Average error, including 45098 ratings.
5000 Users: 14.26% Average error, including 234522 ratings.


Part II:

We test the impact of assumptions on minimum user ratings.
We consider a data set with 5000 users
We only consider wines with at least 20 ratings
We use p = 5 for the amount of similar wines that should be included in the prediction algorithm

Minimum 10 user ratings: 15.7% Average error, including 137541 ratings.
Minimum 20 user ratings: 14.26% Average error, including 234522 ratings.
Minimum 50 user ratings: 12.81% Average error, including 627963 ratings.
Minimum 100 user ratings: 11.62% Average error, including 992951 ratings.


Part III:

```

```
We test the impact of assumptions on minimum wine ratings.
We consider a data set with 5000 users
We only consider users with at least 20 ratings
We use p = 5 for the amount of similar wines that should be included in the prediction algorithm

Minimum 10 wine ratings: 14.02% Average error, including 236915 ratings.
Minimum 20 wine ratings: 14.26% Average error, including 234522 ratings.
Minimum 50 wine ratings: 13.93% Average error, including 219854 ratings.
Minimum 100 wine ratings: 14.19% Average error, including 201720 ratings.

Process finished with exit code 0

```