

Unsupervised Learning - WEEK 1

- Clustering - QUIZ 2 - Collaborative Filtering

Link: [Unsupervised Learning - WEEK 1 - Clustering - QUIZ 2 - Collaborative Filtering](#)

Your grade: 100%
Your latest: 100% • Your highest: 100% • To pass you need at least 80%. We keep your highest score.

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1. You have the following table of movie ratings:

Movie	Elissa	Zach	Barry	Terry
Football Forever	5	4	3	?
Pies, Pies, Pies	1	?	5	4
Linear Algebra Live	4	5	?	1

Refer to the table above for question 1 and 2. Assume numbering starts at 1 for this quiz, so the rating for Football Forever by Elissa is at (1,1)

What is the value of n_u

4

✓ Correct

This is the number of users. n_m is the number of movies/items and is 3 in this table.

2. What is the value of $r(2, 2)$

0

✓ Correct

$r(i, j)$ is a 1 if the movie has a rating and 0 if it does not. In the table above, a question mark indicates there is no rating.