

Recommender systems implementation

Graded Quiz • 30 min

Due Feb 5, 11:59 PM EET

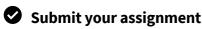
Eltem Navigation Congratulations! You passed!

Grade received 100%

Recommendersystems implementation

Quiz • 30 mn pass 80% or higher

Go to next item



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Try again

1. Lecture described using 'mean normalization' to do feature scaling of the ratings.

1/1 point

What equation below best describes this algorithm? **Remind me later**



Receive grade
$$(i,j) = y(i,j) - \mu_i$$
 where

To Pass 80% or higher
$$\mu_i = rac{1}{\sum_j r(i,j)} \sum_{j:r(i,j)=1} y(i,j)$$

Your grade

100%

$$y_{norm}(i,j) = rac{y(i,j) - \mu_i}{\sigma_i} \quad ext{where}$$

View Feedback
$$\mu_i = rac{\sigma_i}{\sum_j r(i,j)} \sum_{j:r(i,j)=1} y(i,j)$$
 eep your highest score

$$\sigma^2 = rac{1}{\sum_j r(i,j)} \sum_{j:r(i,j)=1} (u(i,j)-\mu_j)^2$$





$$y_{norm}(i,j) = \frac{y(i,j) - \mu_i}{max_i - min_i} \quad \text{where} \quad \\ \text{You're ahead of the game!} \quad \\ \mu_i = \frac{1}{max_i} \int_{\text{Continue this moment}} y(i,j) - \mu_i \\ \text{Continue this moment} \quad y(i,j) = \frac{y(i,j) - \mu_i}{max_i - min_i} \quad \\ y(i,j) = \frac{y(i$$

11 days earlier than expected.



