# Congratulations! You passed!

TO PASS 80% or higher

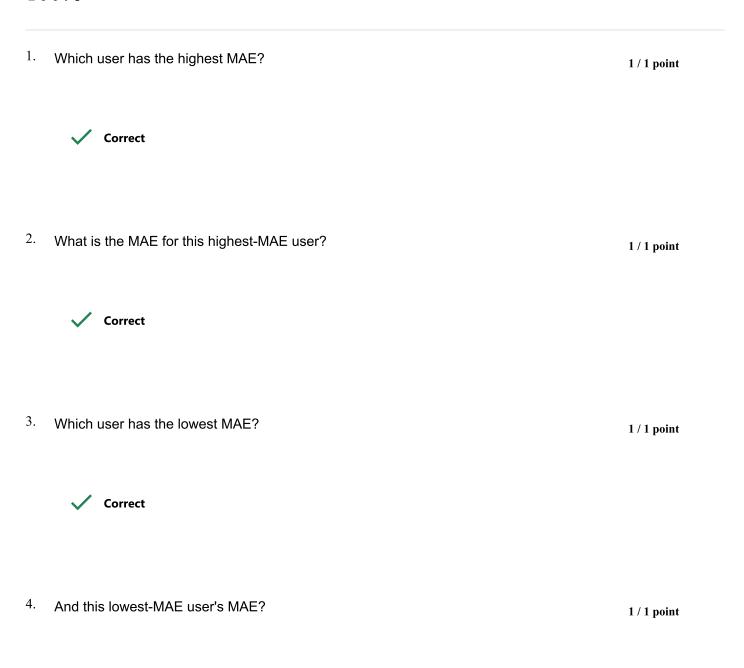
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**GRADE** 100%

# **Basic Prediction and Recommendation Metrics Assignment**

LATEST SUBMISSION GRADE

100%





5.	Now, by movies. Which movie has the highest MAE? Just use the movie ID number (e.g.,	1 / 1 point
	13 for Forest Gump.	•



- And what is this highest-MAE score for a movie (use three decimal places)?
- 1 / 1 point

#### Correct

7. Next, what is the lowest-MAE movie (enter the movie ID)?

1 / 1 point

## Correct

And this lowest MAE score for a movie (three decimal places)?

1 / 1 point

## Correct

- Next, your three versions of overall MAE. First, your overall MAE score averaging across 1 / 1 point all predictions (three decimal places, please).
  - Correct

10.	Next, your MAE computed by-user (three decimal places):	1 / 1 point
	✓ Correct	
11.	And next your MAE computed by-movie (three decimal places):	1 / 1 point
	✓ Correct	
12.	Now we move on to Mean Squared Error and Root Mean Squared Error. Which user has the highest RMSE?	1 / 1 point
	✓ Correct	
13.	And what is the RMSE for this highest-RMSE user?	1 / 1 point
	✓ Correct	
14.	And the user ID of the user with the lowest RMSE?	1 / 1 point
	✓ Correct	
15.	And this lowest-user's RMSE value (3 decimal places)?	1 / 1 point

Correct

16. And now the overall RMSE (the square root of the average of each prediction's squared error), to three decimals:

1 / 1 point



17. Here's the last set of questions. What user had the highest correlation between ratings and predictions (enter the user ID)?

1 / 1 point



18. And what is that correlation value? (3 decimal places)

1 / 1 point



19. And which user has the lowest correlation (which may be negative)?

1 / 1 point



20. What's the correlaton value for that user?

1 / 1 point



21. Finally, what's the average overall correlation between ratings and predictions (hint, use 1 / 1 point one CORREL on the full tables).

