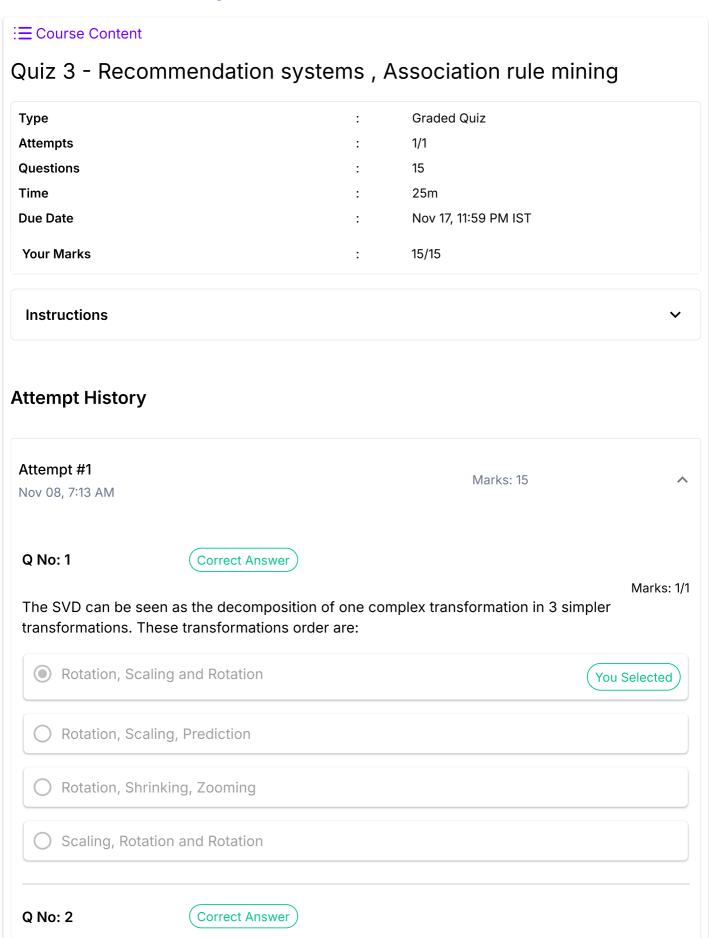








← Go Back to Machine Learning 3



Which of the following cannot be considered as an example of implicit rating	Marks: 1/1
Rating given for an item	You Selected
Time spent on a screen	
Observation of user behavior by his watch history	
Number of clicks on an item	
Q No: 3 Correct Answer	Marks: 1/′
What does Apriori algorithm do?	iviai KS. 1/1
It mines all the frequent patterns through pruning rules with lesser support	You Selected
It mines all the frequent patterns through pruning rules with higher support	
O It mines all the infrequent patterns through pruning rules with lesser support	
None of the given options	
Q No: 4 Correct Answer	
Three major component of Apriori algorithm are:	Marks: 1/1
Support , Confidence and Lift	You Selected
O Support, Probability, Odd	
C Likelihood, Probability, Lift	
O Support, Likelihood, Kappa	
Q No: 5 Correct Answer	
	Marks: 1/1

number of transactions containing A / Total number of transactions	You Selected
Total number of transactions not containing A / Total number of transactio	ns
Total number of transactions containing A	
Total number of transactions not containing A	
No: 6 Correct Answer	Marks: 1/′
1. Say the matrix A is decomposed by SVD in to U ,D and V	iviai ks. i/
= U*D*V ^T	
hich of the following statement is NOT True	
U corresponds to the Eigen vectors of A^TA	You Selected
U corresponds to the Eigen vectors of A^TAV corresponds to the Eigen vectors of A^TA	You Selected
	You Selected
○ V corresponds to the Eigen vectors of A^TA	You Selected
V corresponds to the Eigen vectors of A^TA U corresponds to the Eigen vectors of AA^T	You Selected
 V corresponds to the Eigen vectors of A^TA U corresponds to the Eigen vectors of AA^T D Square corresponds to Eigen values of AA^T or A^TA 	You Selected Marks: 1/7
 V corresponds to the Eigen vectors of A^TA U corresponds to the Eigen vectors of AA^T D Square corresponds to Eigen values of AA^T or A^TA No: 7 	
 V corresponds to the Eigen vectors of A^TA U corresponds to the Eigen vectors of AA^T D Square corresponds to Eigen values of AA^T or A^TA No: 7 Correct Answer SVD approach, the left singular matrix contains the information of 	Marks: 1/
V corresponds to the Eigen vectors of A^TA U corresponds to the Eigen vectors of AA^T D Square corresponds to Eigen values of AA^T or A^TA No: 7 Correct Answer SVD approach, the left singular matrix contains the information of User Features	Marks: 1/

Q No: 8	Correct Answer

Marks: 1/1

What is the cosine similarity between the below two vectors:

Vec1 = [2, 3, 1, 6]

Vec2 = [1, 2, 3, 0]

Select all that apply.

0.4	4

You Selected

	0.	3	6

/	\cap \cap \cap
	Uar
	0.00

None

Q No: 9

Correct Answer

Marks: 1/1

For the user-item table below, find the Euclidean distance between user 1 and 2

	Item 1	Item 2	Item
User 1	4	5	5
User 2	2	1	1
User 3	5	5	4

O 0	
O 4	
0 1.456	
Q No: 10 Correct Answer	
An app store recommends a gaming app to a user because he recommendation system?	Marks: 1/1 ently installed a similar app.
Content based	You Selected
O Collaborative	
O Popularity based	
O Hybrid	
Q No: 11 Correct Answer	
	Marks: 1/1
For an E-commerce website, the below details are given.	
User A likes product number 1, 2 and 3.	
User B likes product number 6, 3, and 4.	
And user C likes product number 1, 2 and 5.	
If you use user-based collaborative filtering to recommend new product will be recommended to user C if he visits the e-commerce	

③ 3		You Selected
O 4		
O 6		
O 1		
Q No: 12	Correct Answer	
trending this sea	opping store a new customer comes and he wan ason. We recommend him the best-selling shirts ours or price range. Which recommender uses th	without asking any details about
Popularity	Based Recommendation System	You Selected
O Content ba	ased recommendation system	
Classificat	ion model	
Clustering	model	
Q No: 13	Correct Answer	Marks: 1/1
Calculate cosine	e similarity between the following vectors A and E	
A = [1, 7, 8, 4, 0,	4, 2, 0.3]	
B = [4, 8, 3, 9, 5,	0.4, 3, 1]	

0.728		You Selected
0.638		
0.456		
.25		
Q No: 14 Which of the followirecommendations to	Correct Answer ing Recommendation System does not provide personalized	Marks: 1/1
	sed Recommendation System	You Selected
Content based	d recommendation system	
	model	
Classification		
ClassificationAll of these		
All of these		
	+ Add comments	

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