

Recommender Syster	ms	
Recommending items based on <b>global popu</b>	llarity can ( <i>check all that apply</i> ):	1 point
provide personalization		
capture context (e.g., time of day)		
one of the above		
Recommending items using a classification	annroach can (check all that anniv):	1 point
_	аррговен син (спеск ин инс арруу).	Tpont
✓ provide personalization		
capture context (e.g., time of day)		
none of the above		
Recommending items using a <b>simple count</b>	<b>based co-occurrence matrix</b> can ( <i>check all that apply</i> ):	1 point
provide personalization		
capture context (e.g., time of day)		
none of the above		
none of the above		
Recommending items using featurized mate	rix factorization can (check all that apply):	1 point
✓ provide personalization		
✓ capture context (e.g., time of day)		
none of the above		
Normalizing co-occurrence matrices is used p	primarily to account for:	1 point
people who purchased many items		
items purchased by many people		
<ul> <li>eliminating rare products</li> </ul>		
onne of the above		
	ow are the learned feature vectors for each user and produc ct would you recommend most highly to <i>User #2</i> ?	ct. 1 point
User ID	Feature vector	
1 (	(1.73, 0.01, 5.22)	
	(0.03, 4.41, 2.05) (1.13, 0.89, 3.76)	
5	11.13, 0.89, 3.76)	
Product ID	Feature vector (3.29, 3.44, 3.67)	
2	(0.82, 9.71, 3.88)	
3	(8.34, 1.72, 0.02)	
O Product #1		
Product #2		
Product #3		
	yed below, calculate the <b>recall</b> and round to 2 decimal poin	
	ommended items, magenta squares are liked items. Items n ite: enter your answer in American decimal format (e.g. ente	
0.98, not 0,98)		

8. For the liked and recommended items displayed below, calculate the **precision** and round to 2 decimal points. (As in the lesson, green squares indicate recommended items, magenta squares are liked items. Items not recommended are grayed out for clarity.) Note: enter your answer in American decimal format







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recall



RecSys #3

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