

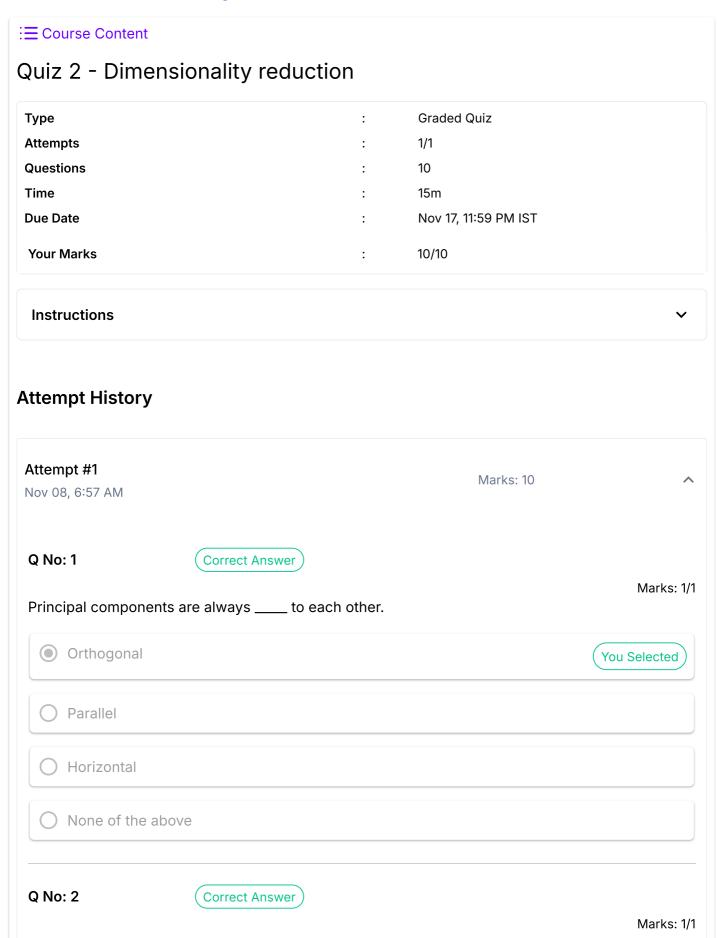








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Both PCA and LDA	You Selected
O PCA	
O LDA	
O LDC	
No: 3 Correct Answer	
characteristic equation is defined as:	Marks: 1/1
$ A - \lambda I = 0 $	You Selected
$\bigcirc A = \lambda I$	
O A - I = λ	
O None of the given options	
Q No: 4 Correct Answer PCA takes care of multi co-linearity in data.	Marks: 1/1
True	You Selected
O False	
No answer text provided.	
No answer text provided.	
Q No: 5 Correct Answer	
When to use PCA?	Marks: 1/1

	You want to find latent features and reduce dimensionality	You Selected
0	When my data is small and with a few features	
0	When I have a overfit case	
0	Everytime before uses a Machine Learning algorithm	
Q No	c: 6 Correct Answer	
Whic	h of the following statement is TRUE about Linear Discriminative Analysis?	Marks: 1/1
	LDA objective is to maximize the distance between the target classes and minimize the distance within classes	You Selected
0	minimize both distance between class and distance within class	
0	maximize both distance between class and distance within class	
0	LDA objective is to minimize the distance between the target classes and madistance within classes	aximize the
Q No	: 7 Correct Answer	
PCA	A can be used for projecting and visualizing data in lower dimensions.	Marks: 1/1
	True	You Selected
0	False	
0	No answer text provided.	
0	No answer text provided.	
Q No	: 8 Correct Answer	
Whic	h of the following are the different criterias to select the best principal compo	Marks: 1/1 onents?

 $https://pesedu.olympuslms.com/courses/118314/quizzes/1156377?module_item_id=6014662\&pb_id=17941$

Both Scree	Plot and Kaiser Criterion	You Selected
O Scree Plot		
Kaiser Crit	erion	
O None of th	e given options	
Q No: 9	Correct Answer	
Which of the foll	owing statements are TRUE about PCA?	Marks: 1/1
	upervised approach only the significant features from all the feature	res
	in removing redundant feature dimensions and	
	e used for prediction	r ooroot the amque roatares
	·	
A and C		You Selected
O A and B		
A, B and C		
O B and C		
Q No: 10	(Correct Answer)	
is knowr	n to have a practical use as a binary as well as	Marks: 1/1 multiclass classifier.
	to have a practical acc ac a simary ac well ac	managa diagomen.

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