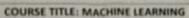
PACOLIT OF COMPUTERS AND INFORMATICS

FINAL EXAMINATION FOR (LEVEL 3)



DATE: 5/4/2023

TOTAL ASSESSMENT MARKS: 20 | TIME ALLOWED: 60 MINITUES

D. Mean 1 and Variance 1



Choose the correct answer:

C. Mean 1 and Variance 0

1.	Which of the following is fina	The state of the s		
	a) final estimate of cluster ce			re to each other
	c) assignment of each point			•3.
2.	Which of the following is req	Name and Address of the Owner, where the Owner, which is		0
	a) defined distance metric	1 b) number of c		0
	c) initial guess as to cluster of		e mentioned	0
3. Point out the wrong statement.				
	a) k-means clustering is a method of vector quantization			
	b) k-means clustering aims to partition n observations into k clusters c) k-nearest neighbor is same as k-means			
1	the state of the s	ie as k-means 🗸		
	d) none of the mentioned	ld be primarily used fo	or evoluration	9
4.	Hierarchical clustering shou a) True	b) False	or exploration.	- 0
=	Which of the following funct		as clustering?	0
٥.	a) k-means	b) k-mean	is clustering:	8
	c) heatmap	d) none of the	mentioned	83
5	Which of the following clust			0
2.	a) Partitional	b) Hierarchica		8
	c) Naive Bayes	d) None of the		
7. K-means is not deterministic and it also consists of number				ons. V
	a) True	b) False		
8.	8. Unprocessed data or processed data are observations or measurements that can be			
	expressed as text, numbers, or other types of media?			
	A) True	B) False		
9.	Amongst which of the follow	ving step is performed	by data scientist afte	r acquiring the data?
	A) Deletion B) Data Re	plication C) Da	ata Integration D) I	Data Cleansing
	Data integration (include d	lata from multiple sou	irces in your analysi	s) Integration of
4	multiple			
200	A) databases	B) data cubes	C) files	47
11	3, 4, 8, 18,19, 38 A. 19 B. 22	C 20	D 20	76 18
W		C. 28	D. 20	76 18 29
1.2	A. 7, 11, 18, 29, 47,, 12 A. 76 B. 70	C. 95	D. 105	47 1
13	. What are some examples of			
A. Noise and outliers V B. Duplicate data C. Missing values D. All of the Above				
14. Why do we need feature transformation				
	A. Converting non-numeric features into numeric B. Resizing inputs to a fixed size			
C. Both A and B D. None				
15. In standardization, the features will be rescaled with -				
A. Mean 0 and Variance 0 B. Mean 0 and Variance 1				