Question 10

solution .:-

Goven data,

1 2 3 4 5 6 7 8 9 10 11 12 13

Whe We have 8 data points and 2 classys let us consider two classes as Class A, Class B

Class A	Class B	
1	0	
2	0 3	Training
0	0	/
0	6	
7	0	- h 20 91
0	0	-> Testing
10	0	
0	0	
0		1 -2 120

We need calculate the distance from early testing data set to training dataset Equilibrilean distance = \((\pi_2-\pi_1)^2+(\pi_2-\pi_1)^2\)

(5) (6)
$$-3$$
 $\sqrt{11} \times -(3)^{-1}$
 $\sqrt{3} \times -3$
 $\sqrt{121+9}$
 $\sqrt{3} \times +3$, $\sqrt{3} \times \sqrt{9}$, $\sqrt{10} \times \sqrt{11}$, $\sqrt{11} \times \sqrt{10}$, $\sqrt{11} \times \sqrt{10}$
 $\sqrt{11} \times \sqrt{10}$

(6) $\sqrt{10} \times \sqrt{10}$, $\sqrt{10} \times \sqrt{10}$, $\sqrt{10} \times \sqrt{10}$

(7) $\sqrt{10} \times \sqrt{10}$

(8) $\sqrt{10} \times \sqrt{10}$

(9) $\sqrt{10} \times \sqrt{10}$

(10) $\sqrt{10} \times \sqrt{10}$

(11) $\sqrt{10} \times \sqrt{10}$

(12) $\sqrt{10} \times \sqrt{10}$

(13) $\sqrt{10} \times \sqrt{10}$

(14) $\sqrt{10} \times \sqrt{10}$

(15) $\sqrt{10} \times \sqrt{10}$

(16) $\sqrt{10} \times \sqrt{10}$

(17) $\sqrt{10} \times \sqrt{10}$

(18) $\sqrt{10} \times \sqrt{10}$

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(19) $\sqrt{10} \times \sqrt{10}$

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(17) $\sqrt{10} \times \sqrt{10}$

(18) $\sqrt{10} \times \sqrt{10}$

(19) $\sqrt{10}$

feature

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1 2 3 4 6 6 7 8 9 6 11 12 13	7	3	7	dring
t	Yes	NO		

actual

TN+FP