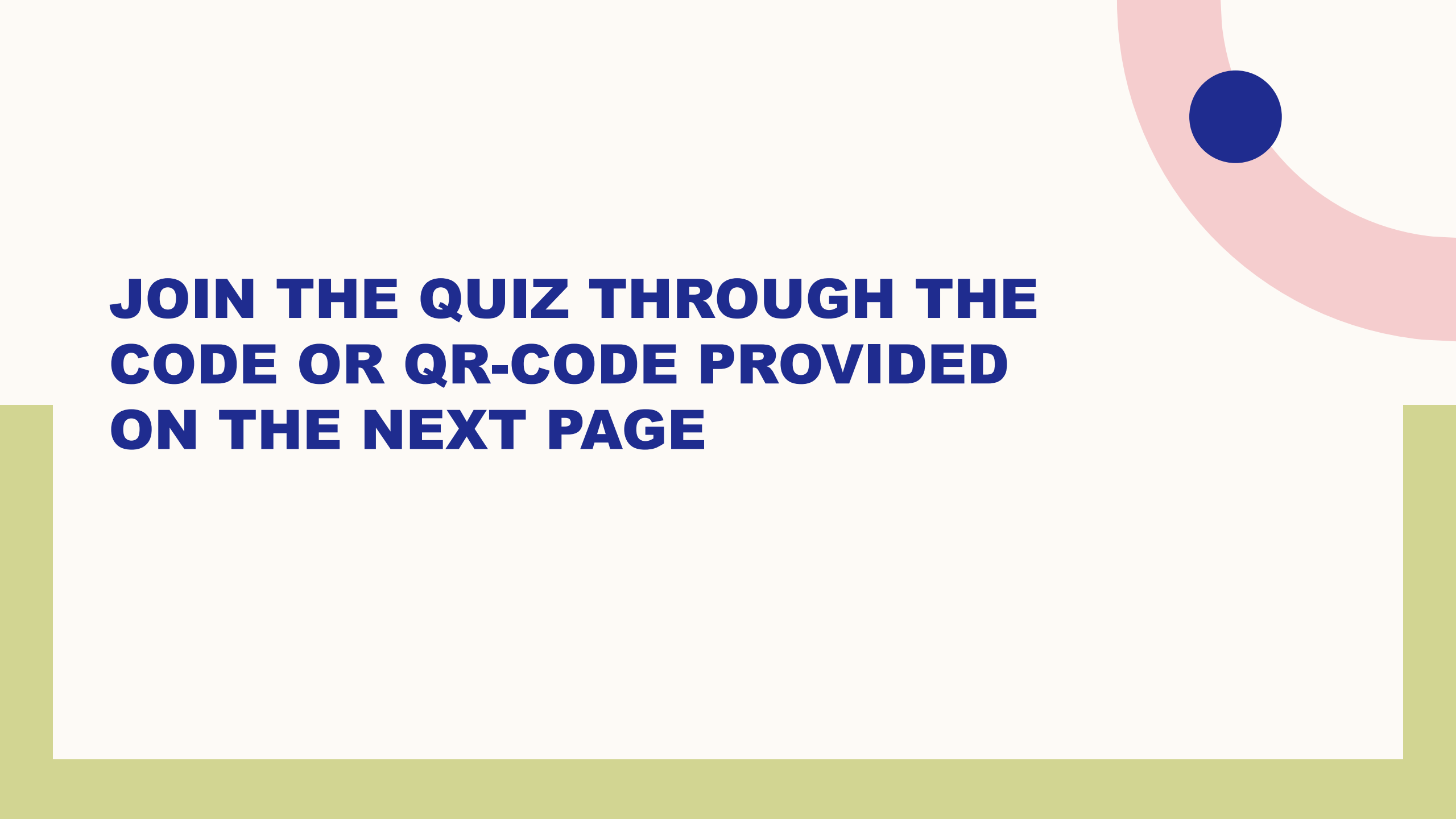


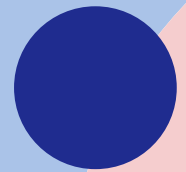
NEUROFUZZY AND GENETIC PROGRAMMING

QUIZ

**INTERACTIVE LEARNING
TOOL**



**JOIN THE QUIZ THROUGH THE
CODE OR QR-CODE PROVIDED
ON THE NEXT PAGE**



QUESTION - 1

What is Fuzzy Logic?



Multiple Choice

CODE	OPTION	
A	a method of reasoning that resembles human reasoning	
B	a method of question that resembles human answer	
C	a method of giving answer that resembles human answer.	
D	none of the above	

QUESTION - 2

The truth values of traditional set theory can be defined as _____ and that of fuzzy logic is termed as _____.



Multiple Choice

CODE	OPTION
A	either 0 or 1, either 0 or 1
B	either 0 or 1, between 0 and 1
C	between 0 and 1, either 0 or 1
D	between 0 and 1, between 0 and 1

QUESTION - 3

What is an auto-associative network?



Multiple Choice

CODE	OPTION
A	a neural network that contains no loops
B	a neural network that contains feedback
C	a neural network that has only one loop
D	a single layer feed-forward neural network with pre-processing

QUESTION - 4

In which ANN, loops are allowed?



Multiple Choice

CODE	OPTION
A	feedforward ANN
B	feedback ANN
C	both a and b
D	none of the above

QUESTION - 5

In Membership function graph x-axis represent?



Multiple Choice

CODE	OPTION
A	universe of discourse.
B	degrees of membership in the $[0, 1]$ interval
C	a method of giving answer that resembles human answer.
D	none of the above

QUESTION - 6

What is the full form of BN in Neural Networks?



Multiple Choice

CODE	OPTION
A	bayesian networks
B	belief networks
C	bayes nets
D	all of the above

QUESTION - 7

What is the minimum number of layers in a deep neural network?



Multiple Choice

CODE	OPTION	
A	2	
B	3	
C	4	
D	5	

QUESTION - 8

_____ is used for probability theory sentences.



Multiple Choice

CODE	OPTION	
A	Logic	
B	Extension of proposition logic	
C	Conditional logic	
D	None of the above	

QUESTION – 9

A 4-input neuron has weights 1, 2, 3, and 4. The transfer function is linear, with the constant of proportionality being equal to 2. The inputs are 4, 10, 5, and 20, respectively. The output will be:



Multiple Choice

CODE	OPTION	
A	76	
B	238	
C	123	
D	119	

QUESTION – 10

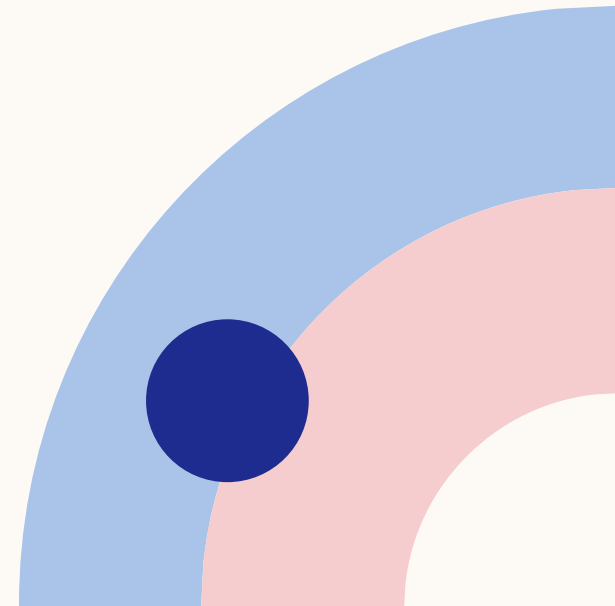
Feature of ANN in which ANN creates its own organization of representation of information it receives during learning



Multiple Choice

CODE	OPTION	
A	Adaptive Learning	
B	What-if analysis	
C	Self-Organization	
D	Supervised learning	

You can check your score and the leaderboard on [here](#)





THANK YOU

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