



Aravindh U

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Dashboard / Introduction to Machine Learning Algorithms and their Implementation in Python - Challenges / **Week 12 MCQ Challenge: Neural Network**

Week 12 MCQ Challenge: Neural Network

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Attempt 1

You scored **4/4** in this challenge. Please see the below table for details

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#Question1

The activation function used in Neural networks-

Correct Answers

✔All of the above

Your Answers

✔All of the above

#Question2

The functional expression for hyperbolic tangent function

Correct Answers

✔ $f(z) = \frac{e^z - e^{-z}}{e^z + e^{-z}}$

Your Answers

✔ $f(z) = \frac{e^z - e^{-z}}{e^z + e^{-z}}$

#Question3

Choose the correct answer in question 2, now what is the value of function $f(x)$ at $x = -\infty$ and $x = \infty$

Correct Answers

✔ $f(-\infty) = -1$ and $f(\infty) = 1$

Your Answers

✔ $f(-\infty) = -1$ and $f(\infty) = 1$

#Question4

Leaky Relu activation function is used to have high convergence rate

Correct Answers

✔True

Your Answers

✔True



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