



[Course](#) > [Module 2 - Artificial Neural Networks](#) > [Learning Objectives](#) > Learning Objectives

Learning Objectives

Learning Objectives

In this lesson you will learn about:

- The gradient descent algorithm and how variables are optimized with respect to a defined function.
- Backpropagation and how neural networks learn and update their weights and biases.
- The vanishing gradient problem.
- Activation Functions.

[Learn About Verified Certificates](#)

© All Rights Reserved