

# CERTIFICATE OF COMPLETION



**MARCIO HENRIQUE DE OLIVEIRA FRANCO**

completed the online course with an estimated workload of 10 hours.

Finished at January 14, 2025

 [mhenriqueof](#)

Course\_

**CONVOLUTIONAL NEURAL NETWORKS: DEEP  
LEARNING WITH PYTORCH**

**alura**

**Guilherme Silveira**  
Coordinator

**Paulo Silveira**  
CEO

# CLASSES

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- General Concepts
- 1D Convolution
- 2D Convolution
- Convolutional Layer in PyTorch
- Other layers in PyTorch
- Training Strategies

53 out of 53 activities were done.