



Jun 15, 2025

Joao Vitor Barros da Silva

has successfully completed

Introduction to Deep Learning & Neural Networks
with Keras

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read "Alex Akson", written over a horizontal dotted line.

Alex Akson, Ph.D.
Data Scientist

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/ICLX31A58IMM>

Coursera has confirmed the identity of this individual and
their participation in the course.