

# VERIFIED

CERTIFICATE of ACHIEVEMENT



A handwritten signature in black ink, reading "J. Santarcangelo".

Joseph Santarcangelo

Data Scientist

IBM Developer Skills Network

This is to certify that

**Chintala Niranjan Kumar**

successfully completed and received a passing grade in

**DL0110EN: Deep Learning with Python and PyTorch**

a course of study offered by IBM, an online learning initiative of IBM.



VERIFIED CERTIFICATE  
Issued May 1, 2020

VALID CERTIFICATE ID  
**8e3350ef0abd4c3a8815bd6a3ec9d326**