



Dec 4, 2019

# Francesco Tangari

has successfully completed

## Deep Neural Networks with PyTorch

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

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

Joseph Santarcangelo  
Senior Data Scientist  
IBM

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/QKQUSPJDA6FB](https://coursera.org/verify/QKQUSPJDA6FB)

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