



Jul 28, 2021

Veniamin L Smirnov

has successfully completed

Machine Learning with Python

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

Two handwritten signatures in black ink. The first signature, "Saeed A.", is on the left, and the second signature, "J. Santarcangelo", is on the right.

Saeed Aghabozorgi  
Sr. Data Scientist  
IBM

Joseph Santarcangelo  
Senior Data Scientist  
IBM

COURSE  
CERTIFICATE



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

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