



05/02/2020

Volkan Karaarslan

has successfully completed

Machine Learning with Python

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

A handwritten signature in black ink, reading "Saeed A." in a cursive style.

Saeed Aghabozorgi
Sr. Data Scientist
IBM

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

Joseph Santarcangelo
Senior Data Scientist
IBM

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/7AZ7MNRBFSX3

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