



Jan 7, 2020

PATRICK MICHL

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.

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CERTIFICATE**



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