



Sep 29, 2019

Elie Zigmond Hayek

has successfully completed

Python for Data Science, AI & Development

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/5Z4KJNUG98KN

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