



02/26/2020

Ensen Xie

has successfully completed

Python for Data Science and AI

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

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

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at coursera.org/verify/9FCCY8MUNX59

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