



Jan 17, 2024

Marwa Mohammed

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:

<https://coursera.org/verify/MUVVB7VMP4BL>

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