



Aug 10, 2023

Coursera Learner

has successfully completed

Data Analysis with Python

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:

<https://coursera.org/verify/MUNKLU9GHDNN>

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