



Aug 8, 2022

KALAIVANI KANDASAMY GNANAM

has successfully completed

Data Analysis with Python

an online non-credit course authorized by IBM Skills Network 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/GQMQD83MHN4Z>

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