



Sep 27, 2021

MOHAMAD OUDAI OSMAN

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 [coursera.org/verify/K98B5A6TNP98](https://coursera.org/verify/K98B5A6TNP98)

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