



Aug 31, 2022

Umer Farooq

has successfully completed

Python for Data Science, AI & Development

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/4XG4KUTC9ZX9>

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