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Cláudia Regina Carvalho  
Cordeiro Silva

has successfully completed

Python for Data Science and AI

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/AWAMKXX4DHRW](https://coursera.org/verify/AWAMKXX4DHRW)

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