

Jul 2, 2024

## Alexandre dos Santos Ferreira

has successfully completed

Data Analysis with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE CERTIFICATE



of Sastaronget

Joseph Santarcangelo Senior Data Scientist IBM Publisher

Verify at: <a href="https://coursera.org/verify/VVKCUSFFUZFU">https://coursera.org/verify/VVKCUSFFUZFU</a>

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