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## Abdelali BARIR

has successfully completed

Python for Data Science, AI & Development

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

COURSE CERTIFICATE



Joseph Santarcangelo Senior Data Scientist

Verify at: <a href="https://coursera.org/verify/QTQVZUZ4PGPT">https://coursera.org/verify/QTQVZUZ4PGPT</a>

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