



This is to certify that

Joseph Santarcangelo

Data Scientist

IBM

Akash Naskar

successfully completed and received a passing grade in

PY0101EN: Python Basics for Data Science

a course of study offered by IBM, an online learning initiative of IBM.



Verified Certificate Issued March 28, 2022 Valid Certificate ID 158a456515624c6b8acd77484b9315f4