Verified Certificate



This is to certify that

Joseph Santarcangelo Data Scientist

IBM

SANDEEP KUMAR RAMCHANDRA PRASAD

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 CertificateIssued February 16, 2022

Valid Certificate ID 61ffd1b3c0bb4395aea253bb909aaad5