Verified Certificate



This is to certify that

Joseph Santarcangelo

IBM

Data Scientist

CVCHARAN

successfully completed and received a passing grade in

DA0101EN: Analyzing Data with Python

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



Verified Certificate Issued May 21, 2024

Valid Certificate ID 98c5695a318d445d9db94769f7d98379