



This is to certify that

Joseph Santarcangelo

Data Scientist

IBM

Repuri Pavan Kumar

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 July 2, 2024

Valid Certificate ID <u>e264de5adad54836b9c76d49210097e5</u>