

# Verified Certificate



A handwritten signature in black ink, appearing to read "J. Santarcangelo".

Joseph Santarcangelo

Data Scientist

IBM

This is to certify that

**HOSAKOTA GANESH KUMARA**

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 May 27, 2024

Valid Certificate ID

839e1454067c4c108f9bcc54939130a1