

# Verified Certificate

This is to certify that

**Manideep**

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.



A handwritten signature in black ink, reading "J. Santarcangelo".

Joseph Santarcangelo

Data Scientist

IBM



Verified Certificate  
Issued December 22, 2021

Valid Certificate ID  
**0e8f51a454bf4acea97f935d6eb97faf**