

**Verified**  
Certificate



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

Joseph Santarcangelo

Data Scientist

IBM

This is to certify that

**rajdeep basu**

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 31, 2021

**Valid Certificate ID**

03348cb006504738895034312bd08efe