

# Verified Certificate



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

Joseph Santarcangelo

Data Scientist

IBM

This is to certify that

**Abidi Youssef**

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 June 19, 2024

**Valid Certificate ID**

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