

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT



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

Joseph Santarcangelo

Data Scientist

IBM

This is to certify that

**Habiburahman Hotaki**

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 24, 2020

VALID CERTIFICATE ID  
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