

# VERIFIED

CERTIFICATE *of* ACHIEVEMENT



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

Joseph Santarcangelo  
Data Scientist

IBM

This is to certify that

**Michael Kutscher**

successfully completed and received a passing grade in

**ML0101EN: Machine Learning with Python: A  
Practical Introduction**

a course of study offered by IBM, an online learning initiative of IBM.



VERIFIED CERTIFICATE  
Issued April 3, 2020

VALID CERTIFICATE ID  
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