

# VERIFIED

CERTIFICATE of ACHIEVEMENT

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.



A handwritten signature in black ink that reads "Joseph Santarcangelo".

Joseph Santarcangelo  
Data Scientist  
IBM



VERIFIED CERTIFICATE  
Issued April 3, 2020

VALID CERTIFICATE ID  
[c5ac127344ed41e095f4d91153527cef](https://www.edx.org/cert/c5ac127344ed41e095f4d91153527cef)