

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

Caleb A Dunn

successfully completed and received a passing grade in

PY0101EN: Python 101 for Data Science

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



VERIFIED CERTIFICATE
Issued March 23, 2019

VALID CERTIFICATE ID
[cd2e37004afd48419755a7a67c80dbd7](https://courses.edx.org/certificates/cd2e37004afd48419755a7a67c80dbd7)