

# PROFESSIONAL CERTIFICATE



This is to certify that

**Harsh Biren Vora**

successfully completed all courses and received  
passing grades for a Professional Certificate in

**Python Data Science**

a program offered by IBM, in collaboration with  
edX.

A handwritten signature in black ink, appearing to read "Rav Ahuja".

**Rav Ahuja**  
Chief Program Manager  
Skills Network, IBM  
IBM



PROFESSIONAL CERTIFICATE  
Issued March 2020

VALID CERTIFICATE ID  
41d32e85ebd2452797ad660be1b5653f