

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink, appearing to read "JP Onnela".

Jukka-Pekka "JP" Onnela
Associate Professor of Biostatistics
Harvard University

This is to certify that

Edward Amankwah

successfully completed and received a passing grade in

PH526x: Using Python for Research

a course of study offered by HarvardX, an online learning initiative of Harvard University.



VERIFIED CERTIFICATE
Issued December 27, 2019

VALID CERTIFICATE ID
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