

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink, appearing to read "Rafael Irizarry".

Rafael Irizarry

Professor of Biostatistics

Harvard T.H. Chan School of Public Health

This is to certify that

Amit Ranjan

successfully completed and received a passing grade in

PH125.8x: Data Science: Machine Learning

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



VERIFIED CERTIFICATE

Issued June 2, 2019

VALID CERTIFICATE ID

[ac36f9134e094209b47e4fb6bb0196fe](https://courses.edx.org/certificates/ac36f9134e094209b47e4fb6bb0196fe)