

# VERIFIED

CERTIFICATE of ACHIEVEMENT



This is to certify that

**Alexis M Roldan**

successfully completed and received a passing grade in

## **PH125.3x: Data Science: Probability**

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

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

**Rafael Irizarry**

Professor of Biostatistics

*Harvard T.H. Chan School of Public Health*



VERIFIED CERTIFICATE  
Issued November 17, 2019

VALID CERTIFICATE ID

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