



CERTIFICATE *of* ACHIEVEMENT



This is to certify that

IGNACIO ARNALDO LUCAS

successfully completed and received a passing grade in

PH525.2x: Introduction to Linear Models and Matrix Algebra

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

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

Rafael A. Irizarry

Professor of Biostatistics
Harvard T.H. Chan School of Public Health

Professor of Biostatistics
and Computational Biology
Dana Farber Cancer Institute

VERIFIED CERTIFICATE
Issued May 26, 2015

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