



CERTIFICATE *of* ACHIEVEMENT



This is to certify that

Manoj Ramachandran

successfully completed and received a passing grade in

PH525.1x: Statistics and R for the Life Sciences

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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