

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

Marcucci Charles

successfully completed and received a passing grade in

**PH525.3x: Statistical Inference and Modeling for
High-throughput Experiments**

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



VERIFIED CERTIFICATE
Issued August 26, 2016

VALID CERTIFICATE ID
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