

Verified
Certificate

HarvardX



Rafael Irizarry

Professor of Biostatistics

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This is to certify that

MR JAMES EDWARD KOWALIK

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.



Verified Certificate
Issued May 12, 2021

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