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CERTIFICATE *of* ACHIEVEMENT

Berkeley

Anthony D. Joseph signature

Anthony D. Joseph
Professor in Electrical Engineering and Computer Science
University of California, Berkeley

Diana Wu signature

Diana Wu
Executive Director,
Berkeley Resource Center for Online Education
University of California, Berkeley

This is to certify that

Francisco José Diego Acosta

successfully completed and received a passing grade in

CS105x: Introduction to Apache Spark

a course of study offered by BerkeleyX, an online learning initiative of University of California, Berkeley through edX.

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Issued 14 de July, 2016

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