CERTIFICATE of ACHIEVEMENT

Anthony D. Joseph

Professor in Electrical Engineering and Computer Science
University of California, Berkeley

Technical Advisor
Databricks

Ameet Talwalkar

Assistant Professor of Computer Science
University of California, Los Angeles

Visiting Assistant Professor in Electrical Engineering and Computer Science
University of California, Berkeley

Technical Advisor
Databricks

Diana Wu

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

Antoine Claude Benoit Freches

successfully completed all courses in the XSeries

Big Data

a series of two courses offered by BerkeleyX through edX.

XSERIES CERTIFICATE
Issued August 12, 2015

Verify the authenticity of this certificate at
https://verify.edx.org/cert/290a8df99fb54a8a9f772455d7fe69e5

Berkeley