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# CERTIFICATE of ACHIEVEMENT

edX Berkeley



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This is to certify that

## Caio Ribeiro de Souza

successfully completed and received a passing grade in

**CS100.1x: Introduction to Big Data with Apache Spark**

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

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**Issued July 10, 2015**

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