



CERTIFICATE *of* ACHIEVEMENT



TEACHERS COLLEGE
COLUMBIA UNIVERSITY

Ryan Baker

Ryan Baker

Associate Professor of Cognitive Studies
Teachers College, Columbia University

This is to certify that

Stephen Harper

successfully completed and received a passing grade in

BDE1x: Big Data in Education

a course of study offered by TeachersCollegeX, an online learning
initiative of Teachers College, Columbia University through edX.

VERIFIED CERTIFICATE
Issued September 16, 2015

Verify the authenticity of this certificate at
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