



CERTIFICATE *of* ACHIEVEMENT



TEACHERS COLLEGE
COLUMBIA UNIVERSITY

A handwritten signature in black ink that reads 'Ryan Baker'.

Ryan Baker

Associate Professor of Cognitive Studies
Teachers College, Columbia University

This is to certify that

Heather Abbott

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
<https://verify.edx.org/cert/bcf97a69d005454a9d4a2edfb46b7054>