



# 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

## Rafael Dias Araujo

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/9726de923c8349af85933532ff171818>