



This is to certify that

Balasubramanian Chandran

successfully completed and received a passing grade in

Big Data Fundamentals (BD000EN)

an online course on Cognitive Class.

Issued on:

May 20, 2016

Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.al/certificates/moodle/hYwHkHKd6F-1463754584-1463754602