



This is to certify that

## Balasubramanian Chandran

successfully completed and received a passing grade in

## Analyzing Big Data in R using Apache Spark

(RP0105EN, provided by Cognitive Class)

an online course on Cognitive Class.

Issued on:

October 6, 2016

Authenticity of this certificate can be validated by going to:

https://courses.cognitiveclass.al/certificates/26e171dbeef148189a16ee58083d9a27