



This is to certify that

JOÃO VITOR RODRIGUES BAPTISTA

successfully completed and received a passing grade in

Apache Pig 101

(BD0121EN, provided by Big Data University)

an online course on Cognitive Class.

April 20, 2019

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/c149db827e8a4848810d7806777b3e36