COGNITIVE CLASS.ai

An IBM Initiative

This is to certify that

Muh. Rizal Kurniawan Nur

successfully completed and received a passing grade in

Hadoop 101

(BD0111EN, provided by BigDataUniversity)

an online course on **Cognitive Class**.

October 26, 2019

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/fed6e0ddc5b8472799af5aa1ff75e70d