



This is to certify that

Cesar Niyomugabo

successfully completed and received a passing grade in

Big Data 101

(BD0101EN, provided by Cognitive Class)

an online course on Cognitive Class.

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Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/205852e1fe67473692f91af9e0c0df6c