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This is to certify that

Cesar Niyomugabo

successfully completed and received a passing grade in

Spark MLlIB

(BD0221EN, provided by **Big Data University**)

an online course on **Cognitive Class**.

May 2, 2020

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/8e0c6bc009e44a4f80b9af5095735d64