



This is to certify that

Bhaskar Jain

successfully completed and received a passing grade in

Spark MLlIB

(BD0221EN, provided by Big Data University)

an online course on Cognitive Class.

January 28, 2020

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/45de2b7bf8b148eabdeee1be551795a1