



This is to certify that

Devanshi Joshi

successfully completed and received a passing grade in

Spark Fundamentals I

(BD0211EN, provided by Cognitive Class)

an online course on Cognitive Class.

March 17, 2020

Authenticity of this certificate can be validated by going to: https://courses.cognitiveclass.ai/certificates/76cbdf5a6fce446a9de95bdf53473cec