



This is to certify that

Nathan Minter

successfully completed and received a passing grade in

Spark Fundamentals I

(BD0211EN, provided by Cognitive Class)

A course on cognitiveclass.ai

Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

November 18, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/50f64e5b413447deb7ff568fb9565025>

Certificate ID Number: 50f64e5b413447deb7ff568fb9565025

November 18, 2020