



This is to certify that

John Luis De Jesus

successfully completed and received a passing grade in

Spark Fundamentals I

(BD0211EN, provided by BigDataUniversity)

A course on skillsbuild.skillsnetwork.site
Powered by IBM Developer Skills Network.

Issued by
IBM SkillsBuild

December 4, 2024

Authenticity of this certificate can be validated by going to:
<https://courses.skillsbuild.skillsnetwork.site/certificates/8b9874326d114df197f7670dccf77cfd>