

Verified Certificate



This is to certify that

Miguel Ángel Barrera Arias

successfully completed and received a passing grade in

BD0225EN: Big Data, Hadoop, and Spark Basics

a course of study offered by IBM, an online learning initiative of IBM.

Karthik Muthuraman

Software Engineer (Machine Learning)

IBM

Aije Egwaikhide

Senior Data Scientist

IBM



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