

Verified Certificate

This is to certify that

HOSAKOTA GANESH KUMARA

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.



A handwritten signature in black ink, appearing to read "Karthik Muthuraman".

Karthik Muthuraman

Software Engineer (Machine Learning)

IBM

A handwritten signature in black ink, appearing to read "Aije Egwaikhide".

Aije Egwaikhide

Senior Data Scientist

IBM



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Issued June 1, 2024

Valid Certificate ID

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