

Jun 14, 2023

KUNAL JAIN

has successfully completed

Introduction to Big Data with Spark and Hadoop

an online non-credit course authorized by IBM and offered through Coursera

COURSE CERTIFICATE



Kourt.

Karthik Muthuraman Software Engineer (Machine Learning) IBM Center for Open-Source Data and AI Technologies Hegwas

Aije Egwaikhide Senior Data Scientist IBM

Verify at: https://coursera.org/verify/6RHVVMTJDSGE

Coursera has confirmed the identity of this individual and their participation in the course.