

Feb 4, 2023

G NIHARIKA

has successfully completed

Introduction to Big Data with Spark and Hadoop

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

COURSE CERTIFICATE



Kowl.

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/22HW9D4FLG87

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