



Nov 16, 2023

Daniel Marks

has successfully completed

Introduction to Big Data with Spark and Hadoop

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

Three handwritten signatures in black ink, arranged horizontally. The first signature is "Aije Egwaikhide", the second is "Romeo Kienzler", and the third is "Rav Ahuja".

Aije Egwaikhide
Romeo Kienzler
Rav Ahuja

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/STY5EVBS7DZ9>

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