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LUIS GUERRA RUIZ

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, appearing to be "Aije", "Romeo", and "Rav".

Aije Egwaikhide
Romeo Kienzler
Rav Ahuja

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