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Rachapong Chirarattananon

has successfully completed

Big Data Analysis with Scala and Spark

an online non-credit course authorized by École Polytechnique Fédérale de Lausanne and offered through Coursera

Heather Miller
École Polytechnique Fédérale de Lausanne

COURSE CERTIFICATE



Verify at coursera.org/verify/U2SVMJL4BBYR

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