EPFL

COURSE CERTIFICATE

Aug 15, 2024

HIND AMGHAR

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



sporthe mare

Heather Miller École Polytechnique Fédérale de Lausanne

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Coursera has confirmed the identity of this individual and their

participation in the course.
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