



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

03/15/2017

APOSTOLOS PAPADOPOULOS

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

A handwritten signature in black ink, appearing to read 'Heather Miller'.

Heather Miller
Researcher, Executive Director
Scala Center
École Polytechnique Fédérale de Lausanne

COURSE
CERTIFICATE



Verify at coursera.org/verify/URZWQTVHJJXG
Coursera has confirmed the identity of this individual and
their participation in the course.