



Aug 15, 2021

Pham Duc The

has successfully completed

Tools for Data Science

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

Three handwritten signatures in black ink, stacked vertically, over a dotted line.

Maureen McElaney
Romeo Kienzler
Svetlana Levitan

COURSE
CERTIFICATE



Verify at coursera.org/verify/PK7JUQWTMM8

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