



May 5, 2025

Andrew Hayles

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. The first signature is "Maureen McElaney", the second is "Romeo Kienzler", and the third is "Svetlana Levitan".

Maureen McElaney
Romeo Kienzler
Svetlana Levitan

**COURSE
CERTIFICATE**



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