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CHRISTIAN THOMAS GUERRA

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.