



ONLINE

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Roberto Pernicone Miranda

has successfully completed

Fundamentals of Quantitative Modeling

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

A handwritten signature in black ink that reads "R. Waterman".

Richard Waterman
Professor of Statistics
Wharton School
University of Pennsylvania

COURSE CERTIFICATE



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