

ONLINE

Jun 29, 2023

Emmanuel John Araneta

has successfully completed

Fundamentals of Quantitative Modeling

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

COURSE CERTIFICATE



W. Datema

Richard Waterman Professor of Statistics Wharton School University of Pennsylvania

> Verify at: coursera.org/verify/NM3XLR8ZYGSQ

Coursera has confirmed the identity of this individual and their

participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.