



# ONLINE

Mar 16, 2025

## Billy Ray Butler

has successfully completed

### AI Applications in Marketing and Finance

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

Three handwritten signatures in black ink, positioned above a dotted line. The signatures are stylized and appear to be of the individuals listed in the caption below.

Michael R. Roberts, Professor of Finance  
Raghu Iyengar, Miers-Busch, W'1885 Professor, Professor of Marketing  
Kartik Hosanagar, Professor, Operations, Information, and Decisions

## COURSE CERTIFICATE



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