



Jul 18, 2021

Vuong V. Trinh

has successfully completed

Unsupervised Machine Learning

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink that reads "Mark J Grover".

Mark J Grover
Digital Content Delivery Lead
IBM Data & AI Learning

A handwritten signature in black ink that reads "Miguel M. Maldonado".

Miguel Maldonado
Machine Learning Curriculum Developer
Data and AI Learning

**COURSE
CERTIFICATE**



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