



Dec 29, 2020

Mark Anthony Abogador  
Villanueva

has successfully completed

Machine Learning With Big Data

an online non-credit course authorized by University of California San Diego and offered  
through Coursera

Four handwritten signatures in black ink, arranged horizontally. From left to right, they appear to be Paul Rodriguez, Natasha Balac, Mai Nguyen, and Ilkay Altintas.

Paul Rodriguez, Natasha Balac, Mai Nguyen and Ilkay Altintas  
San Diego Supercomputer Center

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/T5XNXQL54WDK](https://coursera.org/verify/T5XNXQL54WDK)

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