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Mark Anthony Abogador
Villanueva

has successfully completed

Big Data Modeling and Management Systems

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

A handwritten signature in black ink, reading "Ilkay Altintas", written over a horizontal dotted line.

Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center

Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

COURSE
CERTIFICATE



Verify at coursera.org/verify/542HMUMDVDA6

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