



07/09/2020

Mohamed Khalil Chakroun

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".

Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center

A handwritten signature in black ink, reading "Amarnath Gupta".

Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

COURSE
CERTIFICATE



Verify at coursera.org/verify/6RK8EY2AABHM

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