

UC San Diego

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Muhammad Umair

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

COURSE
CERTIFICATE



A handwritten signature in blue ink, appearing to read "Ilkay Altintas".

Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center

Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

Verify at:
<https://coursera.org/verify/5QYXX9CJHRWH>

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