UC San Diego

COURSE CERTIFICATE

Nov 14, 2020

NURZHAN SAGADENOV

has successfully completed

Big Data Integration and Processing

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



llkay Adel Lyngha

Ilkay Altintas Chief Data Science Officer San Diego Supercomputer Center Amarnath Gupta
Research Scientist
San Diego Supercomputer Center

Verify at coursera.org/verify/UVJWUPWBU5FW

Coursera has confirmed the identity of this individual and their ${\tt participation\ in\ the\ course}.$