UC San Diego

COURSE CERTIFICATE

Jan 11, 2024

Elmira Tuleshova

has successfully completed

Big Data-ға кіріспе

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



Ajupla

Amarnath Gupta Research Scientist San Diego Supercomputer Center

Verify at: https://coursera.org/verify/TCL4NAJLA7FU

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