

UC San Diego

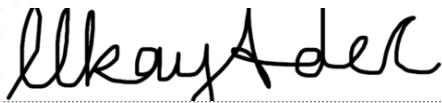
11/14/2019

pavneet singh tiwana

has successfully completed

Introduction to Big Data

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



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/RSC2RSC2SS99

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