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Marcus Vinicius Guerra Ribeiro

has successfully completed

Introduction to Big Data

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

COURSE  
CERTIFICATE



A handwritten signature in blue ink, reading "Ilkay Altintas".

Ilkay Altintas  
Chief Data Science Officer  
San Diego Supercomputer Center

Amarnath Gupta  
Research Scientist  
San Diego Supercomputer Center

Verify at [coursera.org/verify/ACKW9P355PJN](https://coursera.org/verify/ACKW9P355PJN)

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