



11/18/2019

Hiroo ISHIKAWA

has successfully completed

Introduction to Big Data

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

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

Ilkay Altintas  
Chief Data Science Officer  
San Diego Supercomputer Center

A handwritten signature in black ink, reading "Amarnath Gupta".

Amarnath Gupta  
Research Scientist  
San Diego Supercomputer Center

COURSE  
CERTIFICATE



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Coursera has confirmed the identity of this individual and  
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