



Jun 14, 2024

Zachary C Raup

has successfully completed

Managing Big Data with MySQL

an online non-credit course authorized by Duke University and offered through Coursera

COURSE  
CERTIFICATE



A handwritten signature in black ink, appearing to read "Daniel Egger".

Daniel Egger  
Executive in Residence and Director,  
Center for Quantitative Modeling  
Pratt School of Engineering

A handwritten signature in black ink, appearing to read "Dr. Jana Schaich Borg".

Jana Schaich Borg  
Assistant Research Professor  
Social Science Research Institute

Verify at:  
<https://coursera.org/verify/H9ZKWBVZRP4X>

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