



03/03/2018

Mark Ciganovic

has successfully completed

Managing Big Data with MySQL

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

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

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/LS9DAXDQZ4Q4

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