



University of Colorado Boulder

Jan 21, 2023

Deniz Özcan

has successfully completed

Essential Linear Algebra for Data Science

an online non-credit course authorized by University of Colorado Boulder and offered
through Coursera

A handwritten signature in black ink, appearing to read 'James Bird'.

James Bird
Instructor
Data Science & Applied Mathematics

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/NV66WK5WZZB8>

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