



3 Courses

Algebra and Differential  
Calculus for Data Science

Essential Linear Algebra for  
Data Science

Integral Calculus and  
Numerical Analysis for Data  
Science



University  
of Colorado  
Boulder

Dec 6, 2022

**Marcos Nepomuceno Costa**

has successfully completed the online, non-credit Specialization

## Expressway to Data Science: Essential Math

Data Science is growing rapidly, creating opportunities for careers across a variety of fields. This specialization is designed for learners embarking on careers in Data Science. Learners are provided with a concise overview of the foundational mathematics that are critical in Data Science. Topics include algebra, calculus, linear algebra, and some pertinent numerical analysis. Expressway to Data Science is also an excellent primer for students preparing to complete CU Boulder's Master of Science in Data Science program.

Jane Wall  
Faculty Director of Data  
Science Programs  
University of Colorado  
Boulder

James Bird  
Instructor  
Data Science & Applied  
Mathematics

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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