

**Imperial College  
London**

07/08/2020

**Ryan Phua**

has successfully completed

**Mathematics for Machine Learning: Multivariate  
Calculus**

an online non-credit course authorized by Imperial College London and offered through  
Coursera



David Dye and Samuel J. Cooper

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/N9XUU4WH79ZC](https://coursera.org/verify/N9XUU4WH79ZC)

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