

**Imperial College
London**

Jun 2, 2022

**ESLAH HUSSEIN MOHAMED
ABDELGHANY**

has successfully completed

Mathematics for Machine Learning: PCA

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



Marc Deisenroth
Lecturer in Statistical Machine Learning
Department of Computing
Imperial College London

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/DGLNXXEGS8G6B>

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