

**Imperial College  
London**

Aug 19, 2022

**Shantanu Prashant Umrani**

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/NPPBWFJQ23QZ>

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