



**Stanford** | ONLINE

May 1, 2025

**Muhammad Nauman Hashir**

has successfully completed

**Unsupervised Learning, Recommenders,  
Reinforcement Learning**

an online non-credit course authorized by DeepLearning.AI and Stanford University and  
offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Ng'.

Andrew Ng, Instructor, DeepLearning.AI

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/8PR7AU3YX3T5>

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