



Jan 15, 2022

Mahdi Darvish

has successfully completed

Cluster Analysis in Data Mining

an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera

A handwritten signature in blue ink that reads 'Jiawei Han'.

Jiawei Han
Abel Bliss Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/KSJBERPV2ZKZ

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