



Oct 22, 2023

Noor Pathan

has successfully completed

Text Mining and Analytics

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

A handwritten signature in black ink, appearing to read 'ChengXiang Zhai'.

ChengXiang Zhai  
Professor and Willett Faculty Scholar  
Department of Computer Science

COURSE  
CERTIFICATE



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