

MinnaLearn



Elements of AI



UNIVERSITY OF HELSINKI

## CERTIFICATE OF COMPLETION

Presented to

# ZAIN UL ABIDEEN

This is to certify that you have successfully completed the 2 ECTS credits online course

A handwritten signature in blue ink.

Teemu Roos  
Professor, University of Helsinki

July 8, 2025

A handwritten signature in blue ink.

Ville Valtonen  
CEO, MinnaLearn

<https://certificates.mooc.fi/validate/htqca4ozh9>

