



Certificate no: UC-c869415a-fc07-4e6a-ba43-42d945cb6c6d

Certificate url: ude.my/UC-c869415a-fc07-4e6a-ba43-42d945cb6c6d

Reference Number: 0004

CERTIFICATE OF COMPLETION

WhatsApp Chat Sentiment Analysis Using Machine Learning

Instructors **ARUNNACHALAM SHANMUGARAAJAN**

Tassawar Abbas

Date **Aug. 17, 2024**

Length **38 total mins**