Pacmann

CERTIFICATE

OF ATTENDANCE

Has Been Given To

Ilham Jaya Saputra

For Enrolling the Course

Natural Language Processing: Vectorizing Word and Language Model
& Natural Language Processing: Advanced Topic Attention,
Transformers, and LangChain

AS A PARTICIPANT

Adityo Sanjaya
CEO Pacmann

SIGNATURE: 06/08/2025

Verifikasi Sertifikat
https://sertifikat.pacmann.ai/5IWU4jTMb1XTD8z