



Certificate no: UC-bc44c58f-0141-4688-96cf-90a60a46d0be

Certificate url: ude.my/UC-bc44c58f-0141-4688-96cf-90a60a46d0be

Reference Number: 0004

CERTIFICATE OF COMPLETION

NLP - Natural Language Processing with Python

Instructors **Jose Portilla, Pierian Training**

Thiago Sanches Ranzani da Silva

Date **March 21, 2026**

Length **11.5 total hours**