CODE LABS ACADEMY

CERTIFICATE
OF COMPLETION

Hakim Sidahmed,
representing CLA CodeLabs GmbH,
with domicile in Stresemannstraße 23, 10963 Berlin.

Certifies that

Daniel Rodriguez

Date of Birth: 05.10.1992

has successfully completed the

12- Week Data Science & AI Bootcamp (September 22, 2025 - December 15, 2025)

Acquired Skills:

Preparatory phase: SQL, Python, Jupyter Notebook, Git and GitHub, Linear Algebra, Probabilities and Statistics.
Data Analytics: Data Analysis, Data Preparation, Data Visualisation, Data Exploration.
Classic Machine Learning: Machine Learning, Supervised and Unsupervised Learning, ML Model Enhancement, Naive Bayes, SVM, Random Forests, ML Pipelines, Classification.
Deep Learning: Neural Networks (Implementation, Troubleshooting & Optimisation), CNN Architectures, Autoencoder Architecture, Data Augmentation, Tensorflow, PyTorch, Keras, Scikit-Learn.
Natural Language Processing: Text Coding for NLP, Recurrent Neural Networks RNN, LSTM, Attention Mechanisms, Transformer Model, Chatbot Building.

Course Leader

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CLA General Manager

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