

Carlos Antonio Aldana Chico

Junior Data Scientist | Machine Learning & Analytics | Remote

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ABOUT ME

- Data Scientist with experience developing machine learning solutions for business optimization.
- I build end-to-end ML projects: data cleaning → EDA → feature engineering → modeling → evaluation → business-ready insights.
- Skilled in analyzing traffic, sales, and conversion rate metrics, and communicating actionable recommendations to stakeholders.

TOOLS & SKILLS

Technical

- Python (pandas, scikit-learn, TensorFlow, Keras)
- Exploratory Data Analysis (EDA), feature engineering, data visualization
- Regression, classification, clustering
- Natural Language Processing (traditional and deep learning)
- Time series analysis
- Computer vision
- Git / GitHub
- SQL (PostgreSQL)

Soft skills

- Curiosity
- Teamwork
- Adaptability

KEY PROJECTS

Age Estimation — Deep Learning (ResNet50)

- Built a transfer-learning model and improved MAE from 9.047 to 7.065 via fine-tuning and error analysis.

Gold Recovery Prediction — Supervised Learning

- Optimized sMAPE from 11.3% to 6.8% through rigorous preprocessing and validated model selection.

Beta Bank Customer Churn — Classification

- Developed a churn prediction model achieving AUC-ROC 0.86, focusing on balanced precision/recall.

OilyGiant Well Location — Profit & Risk Analysis

- Selected the drilling region with the highest expected profit while minimizing financial risk using bootstrapping.

Rusty Bargain Used Car Price — Regression (LightGBM)

- Reduced RMSE from 2445 to 1419; achieved a strong accuracy/latency trade-off (training ~4.5 s).

EDUCATION

TripleTen LatAm — Data Science Bootcamp (Apr 2025 – Feb 2026)

Oracle ONE — Full-Stack Development Program (Nov 2022 – June 2023)

Universidad Tecnológica de León — Multiplatform Software Development (1 semester, 2022)

LANGUAGES

- Spanish: Native.
- English: Intermediate.