

Ariel Bravo

Senior Data Scientist & AI Engineer

6+ years turning raw data into strategic business decisions. End-to-end specialist in ML, LLMs, and MLOps, from ideation to production. MSc in Data Science with Highest Distinction.

📍 Cuenca, Ecuador

✉ arielbravo.ec@gmail.com

🌐 arielbravo.com

🔗 linkedin.com/in/ariel-bravo-chuqui-6b49321b8/

PROFESSIONAL EXPERIENCE

Vitapro — Senior Data Scientist

Sep 2025 – Present ♦ Current Role

Responsibilities

- ▶ Lead end-to-end development of analytical and AI solutions for the technical advisory team.
- ▶ Present strategic insights to senior managers and directors.
- ▶ Design, build, and deploy Machine Learning and LLM solutions into production.
- ▶ Develop high-impact visualizations and reports for cross-functional projects.

Key Achievements

- ▶ Reduced analysis cycle time by 30% by automating data pipelines with Python and SQL, freeing the team for higher-value work.
- ▶ Deployed a demand forecasting model that improved inventory accuracy by 22%, reducing overstock losses.
- ▶ Built an internal LLM-powered conversational assistant for report queries, adopted by 40+ users within the first month of launch.
- ▶ Standardized MLOps practices with CI/CD and Kubernetes, cutting model deployment time from days to hours.

Tech Stack: Python, SQL, ML, Pandas, Polars, Scikit-learn, TensorFlow, LangChain, Power BI, Google Cloud, Azure, Kubernetes, CI/CD, MLOps, REST APIs, Frontend Dev

Prediq — Senior Data Scientist

Feb 2022 – Sep 2025

Responsibilities

- ▶ Delivered actionable insights to management and executive stakeholders.
- ▶ Designed and deployed ML and LLM-based solutions for diverse client projects.
- ▶ Created dashboards and reports aligned to business objectives.

Key Achievements

- ▶ Automated descriptive and predictive analyses, significantly reducing turnaround time and manual effort.
- ▶ Optimized a shrimp-feeding process using AI, resulting in a 15% ROI increase for the client.

Tech Stack: Python, SQL, ML, Pandas, Scikit-learn, TensorFlow, Power BI, Google Cloud, Azure, LangChain

Eitecnología — Data Scientist

Feb 2021 – Feb 2022

Key Achievements

EDUCATION

MSc in Data Science

Pontificia Universidad Católica de Chile |

Jan 2024 – Mar 2026

Graduated with Highest Distinction · Top-ranked university in Latin America

BSc in Systems Engineering

Universidad de Cuenca | Sep 2015 – Jun 2021

TECHNICAL SKILLS

Languages	Python, SQL, Javascript, Typescript, R
ML / DL	Scikit-learn, TensorFlow, LangChain
Data	Pandas, Polars, Power BI
Cloud	Google Cloud, Microsoft Azure
MLOps	Kubernetes, CI/CD, Docker
Dev	REST APIs (Fast API, Django), Web Development (React, Next JS)

SOFT SKILLS

- ▶ Executive communication
- ▶ Technical team leadership
- ▶ Analytical & strategic thinking
- ▶ Complex problem-solving
- ▶ English, Advanced
- ▶ Continuous learning mindset

CERTIFICATIONS

Data Science Specialization

University of Michigan | Jul – Sep 2020

Statistics, ML, Data Viz, Python, Text Mining

Project Management Specialization

- ▶ Improved a call center debt collection process by segmenting high-probability payers, optimizing staff resources.
- ▶ Led the data analytics team; oversaw data quality and ML model lifecycle from experiment to production.

Tech Stack: Python, ML, SQL, Pandas, Scikit-learn, Matplotlib, Power BI

Proyecto SUMA – ESPOL — Data Analyst

Aug 2020 – Feb 2021

- ▶ Built an interactive dashboard pulling live social media data (Twitter API, YouTube, Google Trends, web scraping).
- ▶ Co-authored and published an academic research paper.

Tech Stack: Python, Pandas, Django, Chart.js, Bootstrap

Universidad de Monterrey | Jan – Jul 2020

PMI, Stakeholders, Risk Management

INTERESTS

 Soccer |  CrossFit |  Music |  Gaming