SERGIO VALLE | Barcelona, Spain | +34 6000 12953 |**sergioandresvalleleal@gmail.com** | **Linkedin**

I am a creative and resilient business and technology professional with a passion for transforming data into innovative solutions. Experienced in operations management, business intelligence, and data analytics. Currently pursuing a Master's in AI & Machine Learning for Business to bridge the gap between advanced technologies and business strategy. I am skilled at leading cross-functional teams and delivering measurable impact in dynamic environments.

EDUCATION

- EAE Business School - Master in AI & Machine Learning for Business

Developed a Machine Learning project using a dual-model pipeline combining classification and regression algorithms to predict daily water stress (drought conditions) in rice fields. The goal was to anticipate irrigation needs and improve resource efficiency. The AI model was successfully developed and is currently in the process of being implemented by Adecoagro, an Argentina-based multinational and one of the leading rice producers in Latin America.

- INCAE Business School - Young Executives Program in Operations Management, Mar 2021
- UNITEC - BBA in Industrial Administration & Business, Jul 2020

EXPERIENCE

Business Intelligence Analyst | BEDER | Travel Tech Startup   **Barcelona, Spain**

Oct 2024 - Jan 2025

- Conducted data analysis to support decision-making and identify performance trends.
- Created and managed business metric dashboards for executive reporting.
- Led a project to increase user traffic by designing a business model that rewards active influencers for driving engagement within the app.

Plant Manager (Operations & Projects) | NORDIC| Industrial Fertilizers Operations   **Guatemala City, Guatemala**

Jul 2020 - Aug 2024

- Led quality control initiatives to resolve production challenges and reduce costs.
- Conducted feasibility studies for major infrastructure projects, including capital investment planning.
- Directed cross-functional teams across administrative, operational, and strategic domains.
- Spearheaded the negotiation and execution of a new granulation plant in Guatemala.

Administrative Intern | PISCA DELI | Food Production and Distribution   **Tegucigalpa, Honduras**

Jul 2019 - Mar 2020

- Assisted in loan application processing and financial evaluations.
- Coordinated HR operations include employment, compensation, and labor relations.
- Oversaw distribution center operations, optimizing cost, productivity, and delivery timelines.

SKILLS

- General: Microsoft Suite, G Suites

- Coding Languages: Python, SQL

- Data Analysis: Power BI, SAP

- AI Knowledge: Machine Learning (CRISP-DM, Supervised and Unsupervised Learning) Model Evaluation Metrics, AI Explainability (SHAP, LIME), OpenAI API, Hugging Face, Ethics and Bias Mitigations.

- Project Management: Jira, Notion, Microsoft Teams

- Languages: Spanish (Native), English (C1 – Fluent)

KEY ACHIEVEMENTS

- Implemented a new quality control system improving production reliability.

- Led negotiations and managed setup for a unique granulation plant in Guatemala.

- Designed and implemented operational strategies for new business projects.

REFERENCES

- Juana Bosch: +34 695 62 47 27

- David Gonzales: +34 613 88 99 69