Nicolas Acha

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**EDUCATION**

**Universidad Autónoma Gabriel René Moreno |** *M.S., Mathematics*

**Aug 2026**

**Universidad Católica Boliviana – La Paz, Bolivia |** *B.S, Business Development and Administration* **WORK EXPERIENCE**

**Altitude Solutions. |** *SENIOR DATA ANALYTICS CONSULTANT* **May 2022 - Present**

* Developed a sales route optimization algorithm using SQL operators and Power BI maps, integrating distance, client importance, and sales volume to maximize revenue while reducing operational costs by 30%.
* Directed tailored workflows to gather, process, and visualize unstructured client PDF reports using Power Apps, Microsoft Forms, and Power BI, ensuring successful execution of a $90 million UNDP portfolio and effective stakeholder collaboration.
* Refined Power BI dashboards with DAX Studio and open-source tools, enhancing data visualization efficiency by cutting memory usage by 50% and reducing Fabric cloud service costs by 36%.
* Managed multidisciplinary projects incorporating Sales Intelligence, Geographic Intelligence, Sentiment Analysis (English and Spanish), Logistical Analysis, and Financial Projections, aligning with data quality and analytical objectives.
* Analyzed and categorized over 15,000 geographical data points using Microsoft Excel and Python, ensuring accurate data extraction and transformation within a two-week timeframe.
* Discovered a $20,000 annual sales loss by examining transport delivery errors, and presented a data-driven solution to mitigate losses, supporting improved decision-making.

**Independent |** *Project 2: Financial Modeler in Excel* **Jul 2025 - Present**

* Designed a comprehensive financial projection model in Microsoft Excel based on historical performance data from traders, reinforcing analytical insights and decision support.
* Constructed and developed a financial model to raise $1,000,000 for an investment fund, showcasing proficiency in advanced Excel techniques and effective data reporting.

**Independent |** *Project 1: String Matching Algorithm in Python* **Apr 2022 - Present**

• Engineered a predictive string-matching algorithm for a 500-million-record SKU database. Achieved 85% accuracy by leveraging Python libraries such as Pandas, Numpy, NLTK, SQLAlchemy, and Thefuzz to automate SKU pairing based on naming labels, enabling price comparisons among vendor databases.

**NUR SRL |** *DATA ANALYST* **Oct 2021 - Apr 2022**

* Developed and implemented a strategy to streamline the client's manual data entry process using Google Forms and achieved a 294% increase in the client database in 5 months.
* Established a system to prioritize client data entry into the retail queue by flagging new clients who were ready to make purchases on the same day they were approached by a salesperson.
* Provided daily data reports and actionable insights in Excel to management and sales supervisors, enabling informed decision-making and leading to the successful closure of a $1 million contract.
* Suggested and implemented a monthly sales volume goal in Excel, contributing to a year-end sales total of 80,000 hectoliters.

**SKILLS**

* **Data Management:** SQL (SQL Server, MySQL, DBeaver, Metabase), Microsoft Excel (Graph Creation, XLOOKUPS, Data Cleaning, Pivot Tables), Microsoft Power Query
* **Data Visualization & Reporting:** Microsoft Power Bi, PowerPoint
* **Programming:** Python (Pandas, NumPy, NLTK, Matplotlib)

**CERTIFICATIONS**

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| * Data Scientist Associate | * Mathematical Fundamentals for Data Science |
| * Expert in Data Science with Python | * ML Fundamentals |
| * Python for Data Science | * Probability and Statistics in Data Science |
| * Professional Data Analytics Course | * Certificate in Business Analytics |
| * Certificate in Advanced Excel for Business * Certificate in Excel for Business | * Certificate in Machine Learning and Analytics |