Nicolas Acha

Data Analyst

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# SKILLS:

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

# WORK EXPERIENCE:

**SENIOR DATA ANALYTICS CONSULTANT May. 2022 – Present**

**Altitude Solutions. | 40 hrs./week**

* **Developed a sales route optimization algorithm** using SQL operators and Power BI maps, incorporating distance, client importance, and sales volume to maximize revenue while reducing operational costs by 30%
* **Led and engineered tailored workflows** to gather, process, and visualize unstructured client PDF reports using Power Apps, Microsoft Forms, and Power BI, ensuring the execution of a $90 million UNDP portfolio**.**
* **Optimized Power BI dashboards** using DAX Studio alongside open-source tools, cutting memory usage by 50% and reducing Fabric cloud service costs by 36%.
* **Managed projects** requiring Sales Intelligence, Geographic Intelligence, Sentiment Analysis, Natural Language Processing (English and Spanish), Logistical Analysis, and Financial Projections.
* **Reviewed and labeled more than 15,000 geographical data points** using Microsoft Excel and Python in just two weeks through systematic analysis and categorization.
* **Identified a $20,000 annual sales loss** by analyzing patterns of transport delivery errors that led to order rejections and cancellations, pitching a data-driven solution to mitigate losses.

**INDEPENDENT DATA SCIENTIST**

**Project 2: Financial Modeler in Excel 2023 – Present**

* **Designed a financial projection model in Microsoft Excel based** on historical performance data from a group of traders for an investment fund manager
* **Constructed and developed a financial model to raise $1,000,000** for an investment fund.

**Project 1: String Matching Algorithm in Python**

* **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.

**DATA ANALYST Oct. 2021 – Apr. 2022**

**NUR SRL | 40 hrs./week**

* **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 Excelto 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.

# EDUCATION

**M.S. in Mathematics –** expected graduation Aug. 2026 | Universidad Autónoma Gabriel René Moreno

**B.S in Business Development and Administration |** Universidad Cátolica Boliviana – La Paz, Bolivia

**CERTIFICATIONS**

* 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 Machine Learning and Analytics
* Certificate in Excel for Business