

Luis Moto

Data Analyst — Applied Mathematics Student — Technical Researcher
armandomoto25.m@gmail.com | [linkedin.com/in/luismoto](https://www.linkedin.com/in/luismoto) | github.com/LuisMoto | luismoto.github.io

SUMMARY

Data Analyst and Applied Mathematics student at UNAM with academic training in Linguistics and hands-on experience in business intelligence, predictive modeling, and technical research. Skilled in Python, SQL, and Power BI for transforming datasets into actionable insights. Interested in applying mathematical reasoning and data-driven methods to solve operational and strategic challenges.

EDUCATION

Universidad Nacional Autónoma de México <i>B.Sc. in Applied Mathematics</i>	Mexico City, Mexico 2023 – Present
Universidad Autónoma Metropolitana <i>Completed Degree Requirements in Linguistics</i>	Mexico City, Mexico 2020 – 2024

EXPERIENCE

Research & VR Development Intern <i>Advanced Optics Laboratory (UNAM)</i> <ul style="list-style-type: none">– Built a hybrid Unity (C#) and Python architecture for real-time 3D scientific simulations.– Implemented Monte Carlo simulations exceeding 10M iterations for experimental consistency validation.– Applied vector calculus and numerical methods for accurate virtual experiment modeling.	Mexico City, Mexico Mar. 2026 – Present
AI Trainer – Language Models <i>Outlier</i> <ul style="list-style-type: none">– Designed advanced prompts for mathematical and linguistic reasoning tasks in large language models.– Evaluated datasets to improve logical consistency and semantic accuracy in AI outputs.	Remote Mar. 2023 – Feb. 2025
Clinical Research Intern <i>Hospital General Dr. Manuel Gea González</i> <ul style="list-style-type: none">– Supported database management and statistical analysis for clinical research initiatives.– Maintained research data quality standards and contributed to evidence-based reporting.	Mexico City, Mexico Jun. 2023 – Jan. 2024
Data Analyst <i>Zensitud</i> <ul style="list-style-type: none">– Analyzed behavioral data from 2,000+ users using Python and SQL to identify retention patterns.– Developed Power BI dashboards supporting business decisions tied to revenue growth initiatives.	Mexico City, Mexico Jan. 2021 – Apr. 2022

FEATURED PROJECTS

Neural Threat Analyzer <i>Python, Scikit-learn, SpaCy, Streamlit</i> <ul style="list-style-type: none">– Developed a hybrid ML system combining NLP and structural indicators to detect phishing and SQL injection threats.– Built an explainability dashboard for monitoring feature importance and model performance.
Retail Profitability Analysis <i>Python, Pandas, Power BI, DAX</i> <ul style="list-style-type: none">– Designed an end-to-end data pipeline to identify profit leaks through statistical segmentation.– Created scenario-based simulations to evaluate pricing strategies and profitability recovery opportunities.

TECHNICAL SKILLS

Programming: Python, SQL, R, C#, Java, LaTeX
Data Analysis: Pandas, NumPy, Scikit-learn, Statistical Modeling, Monte Carlo Simulation
BI & Visualization: Power BI (DAX), Tableau, Excel (VBA)
AI / NLP: Prompt Engineering, LLM Evaluation, SpaCy, NLTK, Classification Models
Other: Scientific Writing, Technical Documentation, English/Spanish (B2)