

JERONIMO DELI LARIOS

DATA SCIENTIST

CONTACT

- 52-55-2539-8991
- jdelilar@itam.mx
- <https://jero110.github.io/>
- Mexico City

EDUCATION

Instituto Tecnológico Autónomo de México

ITAM

Bachelor in Data Science

2022-2026

Recognition for best grades 2023

SKILLS

Programming Language Proficiency

- Python, R

Machine Learning & AI

- Scikit-learn, PyTorch

Databases

- SQL, MongoDB, Neo4j, LanceDB

Data Visualization

- Tableau, Geospatial Visualizations

Data Manipulation

- Pandas, Polars, Pyspark

Statistical Analysis

LANGUAGES

- Spanish
- English
- German
- French

PROFILE

I am a data scientist currently pursuing a Bachelor's degree in Data Science at Instituto Tecnológico Autónomo de México (2022–2026), where I was recognized for academic excellence in 2023. Fluent in English, Spanish, German, and French, I bring strong analytical skills and technical expertise in programming, machine learning, data visualization, and statistical analysis. I have led innovative projects, including network analysis, AI-driven applications, and geospatial insights on Mexico City's flooding risks. I am seeking a data analysis position where I can apply my technical skills and multilingual abilities to uncover insights and support data-driven decision-making.

PROJECTS

Team Projects

- Fine-tuned a large language model to generate tweets for ITAM's events by scraping the university's calendar and creating automated, context-aware posts to promote engagement
- Developed a project using the Spotify API and Neo4j to analyze and visualize user playlists, uncovering patterns in music preferences and relationships between tracks, artists, and genres.
- Conducted a network analysis of the Pandora Papers using Neo4j to uncover corruption networks and transparency gaps through graph-based exploratory data analysis.
- Developed a project leveraging government flooding records in Mexico City to visualize data and extract meaningful insights on patterns, affected areas, and potential risk.

Personal Projects

- Trading Indicators and Algorithms: Designed advanced trading strategies and intelligent agents for market analysis and automated decision-making.
- Interactive Trading Platform: Developed an intuitive analysis platform for traders and investors, generating price charts and insights driven by LLM-powered prompts.
- Book Analysis Assistant: Created an LLM-based tool to analyze and summarize books, enhancing comprehension and study efficiency.
- Chess Engine: Built a high-performance chess engine capable of evaluating positions, simulating games, and assisting in strategy development.

EXTRACURRICULAR

- Social Service Coordinator: Led a program supporting children in a secluded region of Mexico, focusing on education and addressing social challenges.
- Chess Competitor: Represented at the National Chess Competition 2023, showcasing strategic thinking and competitive skills.