

Sandro Lescieur López
Data Scientist, Data Analyst

Phone: 553-516-3043 - Email: sandrolescieurlopez@gmail.com
[GitHub](#) - [Portfolio](#)

Professional Objective

Passionate about data science and solving complex problems through statistical analysis and predictive modeling. I have hands-on experience in machine learning, data manipulation, and visualization, with strong skills in Python, SQL, and PySpark. Additionally, I am experienced in Linux environments and Git, allowing me to work efficiently in collaborative development settings. I aim to join a team where I can contribute data-driven solutions and continue growing professionally.

Professional Experience

Data Scientist – Institute of Atmospheric Sciences and Climate Change, UNAM (2025)

- Developed a thesis on air quality modeling in Mexico City using Machine Learning techniques.
- Conducted end-to-end data analysis and implemented an XGBoost model to reduce bias in existing numerical models.

Trainee Data Engineer – Badak (2024)

- Automated data ingestion and transformation processes from multiple sources to Google Cloud Platform, ensuring data availability, accessibility, and security.
- Used Python for scripting, BigQuery for large-scale data analysis, and SQL for queries and data manipulation.

Teaching Assistant – Faculty of Sciences, UNAM (2023)

- Assisted in the course *Numerical Solutions of Ordinary Differential Equations*, implementing various numerical algorithms in Python.
- Prepared and presented technical explanations of code, facilitating the understanding of theoretical concepts through practical examples.

Social Service – Institute of Physical Sciences, UNAM (2022–2023)

- Analyzed and reviewed source code and documentation of the libraries *taylormodels.jl* and *intervalarithmetic.jl*, focused on rigorous solutions of ordinary differential equations.
 - Proposed and implemented improvements in functionality and documentation to enhance usability.
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Education

- **Diploma in Data Science – FES Acatlán, UNAM**
Completion: November 2024
 - **Bachelor's Degree in Mathematics – Faculty of Sciences, UNAM**
Graduated, in the process of obtaining official degree. Completion: December 2022
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Languages

- English: B2
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Technical Skills

- **Programming Languages:** Python, R, Julia
 - **Frameworks and libraries:** Numpy, Pandas, TensorFlow, PyTorch, Scikit-Learn, PySpark
 - **Databases:** SQL
 - **Data Visualization:** Power BI, Tableau, Matplotlib, Pandas, Seaborn, Plotly
 - **Cloud & DevOps:** Linux, Google Cloud Platform, Git, Docker
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Soft Skills

- Adaptability
 - Assertive Communication
 - Attention to Detail
 - Emotional Intelligence
 - Persistence
 - Proactivity
 - Project Management
 - Resilience
 - Teamwork
 - Time Management
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Relevant Courses

- “Hyperparameter Optimization and Ensemble Methods in Machine Learning” – 1st International AI Congress, 2025
- “Communication Skills: Improve Your Communication” – Udemy, 2024
- “Emotional Intelligence at Work” – Udemy, 2024
- “Big Data and Spark: Data Engineering with Python and PySpark” – Udemy, 2024
- “Master Course: Data Visualization and Analysis in Python” – Udemy, 2024
- “GCP – Google Cloud Professional Data Engineer Certification” – Udemy, 2024
- “MySQL Databases” – Computing Unit, Faculty of Engineering, UNAM, 2023
- “GitHub Universe 2023 Cloud Skills Challenge” – Microsoft, 2023
- “Introduction to Data Science Using Python” – DGTIC, UNAM, 2023
- “Data Analysis with Python and Pandas” – Faculty of Engineering, UNAM, 2023
- “Functional Programming” – Physics Department, Faculty of Sciences, UNAM, 2021
- “GNU/Linux” – Computing Technology Program, Faculty of Engineering, UNAM, 2021