

Nicolás Luna Niño

Data Analyst and Scientist

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 Nicolás Luna Niño

Professional Profile

Data Analyst and Scientist with a background in life sciences and expertise in computational data analysis. Skilled in developing **data-driven solutions** using Power BI, SQL, Python, and R to **model complex datasets and support strategic decisions**. Interested in applying **data science and analytics methods** to uncover insights, optimize processes, and drive data-informed decision-making.

Technical Skills

- **Programming Languages**
Python · R · SQL · Bash
- **ETL Processes**
Power Query · Pandas · Tidyverse
- **BI Tools**
Power BI · Excel (advanced)
- **Cloud Platforms**
High-Performance Computing (HPC) environments · AWS (basic use)
- **Version Control**
Git · GitHub

Professional Experience

Bogotá, Colombia
Jan 2022 – Present

Freelance Data Analyst

CIMBIUR, Universidad del Rosario (2022 – Present)

- Automated **data pipelines** to extract, clean, and analyse biological datasets for research and diagnostics.
- Developed **interactive dashboards** (e.g., COVID-19 evolution trends 2023–2024) integrating microbiological and clinical data.
- Contributed to the **interpretation of results** and reporting across multiple research projects.

VitalCare (2024)

- Analysed clinical data to identify **cardiovascular risk profiles** in patient populations.

- Transformed and modelled health records using **Power Query** and **Python** for structured reporting.
- Built a **Power BI dashboard** to visualize risk factor trends.

Café Nativo SAS (2024)

- Created a **sales dashboard** using **Power BI**, **Excel**, and **R** to monitor product performance.
- Applied **ETL processes** to clean and structure datasets for analysis.
- Identified sales trends to support **business strategy**

Oslo, Norway

Jan 2024 – Jun 2024

Mobility Research Intern

University of Oslo – Universidad del Rosario

(BigTree Mobility Scholarship)

- **Pipeline development and support:** Collaborated on the development of automated data pipelines to manage and process complex datasets in biological research.
- **Data analysis and transformation:** Utilized **Python** and **R** to clean, transform, and analyse biological data for exploratory and operational insights.
- **Workflow automation:** Contributed to the automation of bioinformatic workflows, enhancing **reproducibility** and **efficiency** in research processes.

Bogotá, Colombia

Jul 2021 – Feb 2024

Research Assistant

CIMBIUR, Universidad del Rosario

- **Data preparation and management:** Performed ETL processes on clinical and biological datasets using **Python** and **SQL**, ensuring data quality and consistency for analysis.
- **Data analysis:** Processed and analysed complex biological data using **Python**, **R**, and bioinformatics tools for applied research projects.
- **Pipeline development:** Designed and implemented analysis pipelines integrating exploratory statistics, automation, and reproducibility standards.
- **Data visualization:** Developed interactive dashboards in **Power BI** and created custom **visualizations in R** to communicate key findings and performance metrics to technical and non-technical audiences.

- **Standardization and documentation:** Contributed to the creation, validation, and publication of data analysis protocols to support reproducible workflows.
- **Technical communication:** Delivered technical reports and visual summaries tailored to interdisciplinary teams and decision-makers.

Professional Portfolio

Academic Background

Aug 2021 – May 2025

Master of Science (MSc) in Natural Sciences

Universidad del Rosario | Colombia

Jan 2017 – Oct 2021

Bachelor of Science (BSc) in Biology

Universidad del Rosario | Colombia

Courses and certificates

Oct 2024 – Nov 2024

Fundamentals of Artificial Intelligence

Coderhouse | Argentina

Aug 2021 – May 2025

Data Analytics

Coderhouse | Argentina

Languages

- **Spanish:** Native
- **English:** Intermediate – Advanced