# Nicolás Luna Niño

*Data Analyst and Scientist*

📞 (+57) 3175058578 | ✉ nico250999@gmail.com | 📍 Bogotá D.C, Colombia

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## 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