Nicolás Luna Niño

Data Analyst and Scientist



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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 $\cdot R \cdot SQL \cdot Bash$

• 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