

Nicolás Rubio García

Curriculum Vitae

nrubioGAR@gmail.com - [Website](#)

(+57) 3218477149 | Medellín, Colombia

PROFESSIONAL PROFILE

Certified Data Analyst with two years of experience in large-scale data analysis and visualization, financial and econometric modeling, Machine and Deep Learning, project management, database administration, and the development of strategic reports to support decision-making. I have advanced skills in Python, R, STATA, SQL, Power BI, and Tableau, applied to process optimization and automation, the generation of actionable insights, and the creation of strategic value for organizations.

EDUCATION

- Graduated in June 2025** **Specialization in Visual Analytics and Big Data**, Fundación Universitaria Internacional de La Rioja, Colombia.
- Currently in the final year** **Bachelor's degree in economics and finance**, Universidad El Bosque, Bogotá.
- Graduated in April 2024** **Political Scientist**, National University of Colombia, Medellín.

PROFESSIONAL EXPERIENCE

- April 2025 - Present** **Data Analyst and Production Control | Blackstone Medical Services Of South America**
Develop a web application using the Django framework and a SQL Server database to centralize data management and business intelligence visualization. Design and implement ETL processes to automate the extraction, cleaning, transformation, and loading of data from multiple sources, enabling efficient analysis and timely access to key information. Develop interactive dashboards to support operational monitoring and strategic decision-making across various areas of the company.
- August 2024- April 2025** **Reputational Analyst | Punto Cardinal Comunicaciones**
Evaluate and manage corporate reputation for client organizations through data analysis from traditional media, social media, and other sources. Designed and implemented machine learning models and natural language processing algorithms in Python to automate the classification of key variables, reducing analysis time. Provide strategic recommendations to improve public perception and strengthen client reputation.
- January 2023- Present** **Freelance Data Analyst**
Work independently using tools such as R, Python, SQL, and Power BI to deliver economic, financial and customized data analyses, generating high-quality executive reports.
- January 2024- August 2024** **Contractor for data management and analysis support | Carval Jurídicos S.A.S**
Provided financial and data analysis services to optimize business decisions, developing interactive dashboards in Power BI and automating data cleaning processes, reducing operational time. Enhanced the clarity of executive reports with effective visualizations in Excel and Power BI.
- June 2023- December 2023** **Political Science Intern | Corporación Programa Desarrollo para la Paz del Magdalena Centro**
Analyzed trends using databases with Excel, MySQL, and R, and developed interactive dashboards in

Power BI to monitor the strategic plan. Trained classification models in R and designed a web application to automate database updates and satisfaction evaluations, increasing process efficiency.

COMPLEMENTARY STUDIES

April 2025 – Present	International Specialization in Data Engineering and Cloud-based Artificial Intelligence , Professional College of Economists of Cusco
July 2023 – December 2023	International Specialization in Econometrics Applied to Economic Research , College of Economists of Peru - National School of Public and Business Training.
June 2023 – November 2023	Diploma in Applied Statistics , College of Economists of Peru - National School of Public and Business Training.
January 2024	Google Advanced Data Analytics Professional Certificate , Google Career Certificates.
October 2023 – May 2024	Data Science and Artificial Intelligence Bootcamp , Ucamp – Utel University.
March 2022 – November 2022	Diploma in Programming Skills with Emphasis on Web Pages ICT Mission 2022 , Universidad de Caldas y Ministerio de las Tecnologías de la Información y Comunicaciones.
May 2020 – June 2020	Diploma in Formulation and Management of Research Projects , Polytechnic University of Colombia.

PUBLICATIONS AND RESEARCH

2024	Towards a Comprehensive Measurement of Health Systems in Latin America: Presentation of the Multidimensional Performance Index. Revista Criterios, 31(2)
2024	Public Finance and Economic Performance: The Case of Colombia, Caldas, and Tolima. Hojas de Administración, 29(3), 4–32
2023	RegAssure: Streamlined Integration of Regression Assumptions. The Comprehensive R Archive Network (CRAN).
2023	The COVID Economy: A Political and Economic Analysis of the Pandemic in Colombia, Brazil, Argentina, and Chile. Revista Fenadeco, 14, 61–78.
2022	Sowing Seeds: The Human Rights Situation of Children and Adolescents in Caldas. Interview with Luis Eduardo Céspedes. Ainkaa, Revista de Estudiantes de Ciencia Política, 6(11–12), 80–86.

SKILLS

Hard	Machine y Deep Learning, R, Python, SQL, Power BI, Tableau, Stata, OLTP and OLAP, Applied Statistics and Econometrics, Financial Modeling and Analysis, Qualitative and Quantitative Research.
-------------	--

LANGUAGES

English	Proficiency level: C1.
----------------	-------------------------------