Nicolás Rubio García

Data Analyst

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📍 Medellín, Antioquia

PROFESSIONAL PROFILE

I am a certified data analyst, on track to graduate as a political scientist and currently pursuing a degree in Economics. I have authored articles and presented at national conferences, gaining experience in the analysis, modeling, and visualization of massive datasets. My contributions include designing monitoring and evaluation systems, database administration, developing analysis methodologies, applying statistical models, and preparing executive reports. I bring together strong analytical skills, supported by a work ethic grounded in honesty and respect, thus establishing a solid foundation to tackle professional challenges with efficiency and creativity.

PORTFOLIO AND NETWORKS

CERTIFICATIONS

Google Advanced Data Analytics Professional Certificate, 2024.

Data Science and Artificial Intelligence Certificate, 2023

Data Cleaning and Preprocessing Badge - Outstanding, 2023.

ACADEMIC BACKGROUND

Bachelor's Degree in Political Science, 2019 - 2023 (Graduation ceremony in April 2024).

Bachelor's Degree in Economics, 2021 - Present.

Diploma in Programming Skills with Emphasis on Web Pages, March 2022 - November 2022.

Diploma in Applied Statistics and Econometrics, June 2023 - December 2023.

Data Science and Artificial Intelligence Bootcamp, October 2023 - Present.

SKILLS

Hard: R, Python, SQL, Power BI, Stata, Statistics, Econometrics, Qualitative and Quantitative Research.

Soft: Problem Solving, Teamwork, Active Listening, Critical Thinking.

LANGUAGES

English
Spanish

WORK EXPERIENCE

Freelance Data Analyst
Independent, March 2023 - Present

- Developed a methodology to measure the performance of healthcare systems in Latin America using modeling in R and visualization in Power BI.
- Conducted analysis and data modeling using Stata on data extracted from the 2022 Integrated Household Survey.
- Completed tasks involving the collection and analysis of data from various sources, including SQL, DTA, JSON, CSV, and XLSX.

Contractor for Data Analysis
Corporación Programa Desarrollo para la Paz del Magdalena Centro, December 2023 - December 2023

- Assisted in the design and implementation of the comprehensive monitoring and evaluation system for the Corporation.
- Produced precise and relevant statistical inputs for the 2023 Management Report using Matplotlib and Seaborn.
- Updated the executive report with the 2023 year-end closure using Power BI.
- Created detailed geographical maps for regional characterization using R.

Intern in Political Science - Data Analyst
Corporación Programa Desarrollo para la Paz del Magdalena Centro, June 2023 - December 2023

- Managed the database and analyzed information to identify key trends, making informed decisions using Excel, MySQL, R, and Power BI.
- Trained two supervised classification models in R to assess performance and estimate determinants of participation.
- Developed Power BI dashboards, a strategic plan tracking format in Excel with macros, and a web application for updating the database.