

Philip Mateo Ramírez Parada

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Economist at the Universidad de los Andes, bilingual. Interested in Data Analytics and Macroeconomics. Experience in Data Analytics, data extraction (web scraping), data cleansing, automation, and process optimization. Knowledge of statistical and econometric models. Handling of the Office suite, advanced Excel, Big Data with R, Python, SQL, Power BI, ArcGIS, and Google AppSheet. Professional with analytical thinking, teamwork, problem solving, strategic planning, and effective communication.

Experience

Intern - Data Analyst

Alimentos Polar Colombia

Bogotá, DC

July 2024 – January 2025

- Responsible for using R, SQL, Excel, PowerBI, and other tools to identify and visualize potential customers that serve the company, through various data sources on websites (RUES, Itacol, OpenStreetMap, etc.) with downloadable formats or using web scraping, APIs (Google cloud: Geocoding, Places, Maps Javascript), georeferencing systems (ArcGIS, Google Maps), and Maps of Colombia (Shapefiles, GeoJson, etc.). R packages: geosphere, tidyverse, etc.
- In charge of the automation of weekly web scraping of prices and market share of the company's portfolio in different countries (Colombia, Argentina, Ecuador, etc.), through e-commerce and websites. R packages: CronR and Rvest.
- Identification and cleansing of unique customer data for different business models in the company. R packages: data.table, dplyr, ggven, etc.
- Comparison of job titles in different fields (skills, abilities, and knowledge). R packages: stringdist(jaccard).
- Application design for efficient data collection using Google AppSheet.

Achievements

- I optimized the sales force's search process for potential clients, obtaining relevant information (NIT, address, economic activity, etc.) and differentiating by sales area and distance.
- I expanded the price database to improve the calculation of price elasticity of demand across different regions of Colombia and to develop a price index for the company's markets (Argentina, Ecuador, Peru, etc.), enabling competitive comparisons.
- I improved the identification of unique clients to launch targeted promotions in the company's different channels.

Research Assistant - Sports Economics

Department of Economics - Universidad de los Andes

Bogotá, DC

March 2024 – May 2024

- Responsible for conducting data collection procedures on Argentine Football Lineups in the mid-20th century, from PDF files with the help of Excel and Adobe (OCR).

Achievements

- I optimized the processing of large amounts of data from physical to digital, reducing transcription time from one hour to five minutes per page.

Education

Universidad de los Andes

B.A. in Economics

April 2025

Universidad de los Andes

Minor in Italian Language and Culture

April 2025

Academic Works

Ramírez, P. (2021). Un debate sobre la regulación y transición energética en Colombia. *Revista Económica Supuestos. Universidad de los Andes*. [Link](#). [↗](#)

Licenses and Certificates

Foundations: Data, Data, Everywhere *June 2023*

Google

[Certificado. Foundations: Data, Data, Everywhere](#) [↗](#)

Intermediate SQL Queries

July 2022

DataCamp

[Certificado. Intermediate SQL Queries](#) [↗](#)

Introducción a la programación en Python I: Aprendiendo a programar con Python

July 2021

Pontificia Universidad Católica de Chile

[Certificado. Introducción a la programación en Python I: Aprendiendo a programar con Python](#) [↗](#)

Introducción a Data Science: Programación Estadística en R

June 2021

Universidad Nacional Autónoma de México

[Certificado. Introducción a Data Science: Programación Estadística en R](#) [↗](#)

Others

Programming languages: R, Stata, SQL, Python, LaTeX.

Software: Excel, Microsoft SQL Server, Google AppSheet, Overleaf, Adobe (OCR).

Web Development: RMarkdown y GitHub.

Languages: Spanish (Native), English (C1) and Italian (C1).

Extracurricular: Men's Tennis. Universidad de los Andes. 2024

Work References

Upon advance request.