Nicolas Javier **Corral**

Data Analyst | Data Scientist Junior | Teacher

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My website/portfolio with QR code: https://corralnicolas.github.io/

Professional Summary

I am a proactive individual with strong analytical and communication skills, constantly seeking new learning opportunities. I consider myself independent and highly motivated to enter sectors such as finance, banking, and technology.

Skills

Analytics	Proficient in R, Python, SQL, Tableau, Excel, Google Data Studio, and Power BI.
Programming	Jupyter, NumPy, Pandas, Scikit-learn, Matplotlib, XGBoost, LaTeX, FastAPI.
Machine Learning	Data Cleaning, Regression (Linear, Multiple, Polynomial), Classification (K-NN, SVM, Random Forest), Clustering (K-Means).
Tools	BigQuery, Visual Studio Code, SQL Server, Artificial Intelligence, Google Cloud.
Languages	Spanish: Native · English: B2 Upper Intermediate.

Work Experience

Sports Data Analyst   *Buenos Aires, Argentina*
Defensores de Banfield   *Jun. 2017 - May. 2023*
- Designed and developed continuous reports using spreadsheets and PDF formats.
- Used Python for advanced data visualization, enabling the coaching staff to better understand complex metrics.

Freelance Data Scientist
Project: Salary prediction Machine Learning Model   *September 2022*
- Built a salary analysis and prediction model using Python with a full ETL pipeline. Applied libraries such as Pandas, Scikit-learn, and Matplotlib. Conducted exploratory data analysis (EDA) to identify outliers and patterns, trained regression models, and evaluated performance using metrics like MAE, RMSE, and R^2.

Freelance Data Analyst
Project: University Ranking Dashboard   *October 2023*
- Analyzed university data using Excel, SQL Server, and Power BI. Cleaned and transformed the data in Excel, loaded and queried it with SQL to generate key metrics, and created an interactive Power BI dashboard to visualize the results.

Sports Data Analyst   *San Juan, Argentina*
UPCN   *May. 2023 - May. 2024*
- Applied clustering algorithms to segment performance data, identifying key player profiles.
- Used data extraction tools to generate strategic performance reports.

Sports Data Analyst   *La Rioja, Argentina*
CEF 5 La Rioja   *May. 2024 - May 2025*
- Created weekly player performance reports, offering strategic insights to the coaching team.
- Identified and tracked KPIs to detect weaknesses and strengths, supporting training planning.

Freelance Data Scientist
Project: Invoice Automation   *June 2025*
- Developed an invoice automation system integrating Power Automate with a Python API. The flow receives invoices, processes them via the API, and automatically stores organized data, streamlining administrative tasks.

Education

University of Buenos Aires   *Buenos Aires, Argentina*
Bachelor of Science in Data Science   *Mar. 2021 – Present*
- Probability, statistics, algorithms and data structures, Python, Java, databases, algorithmic complexity.

Instituto Modelo Lomas   *Buenos Aires, Argentina*
Teacher   *Mar. 2017 – Dec. 2020*
- Development of social skills, communication, planning, and group management.

Google Analytics Certificate
Data processing, problem identification, data extraction with Excel, querying in BigQuery, and visualization in R or Tableau.

Coderhouse Data Analyst Certificate
Use of SQL Server to filter data and build dashboards in Power BI.

Coderhouse Data Scientist Certificate
Data cleaning, exploration, insights, and modeling using libraries such as NumPy, Pandas, Matplotlib, and Scikit-learn.

"Maga del Python" Certificate
Python programming course focused on data analysis.