Francisco E. Navarro
Data Analyst / Business Intelligence Analyst

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Summary

Transitioning from a career as a Doctoral Researcher to a full-time role in data analytics and business intelligence. Recently completed the Google Business Intelligence Professional Certificate, a three-month program that covered managing data retrieval, organizing and interpreting data, and creating data visualizations and dashboards. With a strong background in research methodologies, data analysis, and statistical techniques, and hands-on experience in Python and R, SQL, spreadsheets, and data visualization tools.

Technical Skills

- Strong analytical skills
- Pattern recognition
- Relational databases and SQL

- Statistical analysis
- Strong data visualization skills
- Proficiency with spreadsheets, R, Python, Power BI, Power Query and Tableau

Experience

CONICET, Bahía Blanca, Argentina *Doctoral Researcher* 2019 - PRESENT

- Improved biomass yield of microalgae cultures by 30-95% and increased lipid content by 30% through detailed analysis and precise management of nutrient levels and salinity.
- Proficient in research, experimental design, statistical analysis and extensive bibliographic reviews.
- Published research findings in peer-reviewed journals and showed strong communication skills through oral presentations at national and international conferences, contributing to the scientific community.

La Inmaculada (High school) *Substitute Teacher* 2018

- Encouraged critical thinking and problem-solving by discussing projects that required sixth-year students to develop sustainable solutions to real-world environmental issues.

Fraiel-Pastelería *Pastry Sales Entrepreneur (Hobby)*

- Managed all aspects of a home-based pastry business, applying strong time management skills.
- Developed a diverse menu with attention to detail, creating high-quality pastries and baked goods.

Education

Google

- *BI Professional Certificate –* 2024: Acquired hands-on experience with BI tools like Google DataFlow and Tableau, specializing in ETL, data modeling, and transforming data into actionable insights. Proficient in dashboard creation, data visualization, and communicating insights, with strong programming and database skills.
- *Data Analytics Professional Certificate –* 2024
- *AI Essentials –* 2024

Universidad Nacional del Sur, Argentina   *Graduate Courses*
- *PhD in biology (finishing)* 2019 – 2024
- *Higher Diploma in Renewable Energy Economics* 2021 – 2022
- *Degree in Biological Sciences (6-year program)* 2010 – 2017

Awards

Best Oral Presenter at the XIV Argentine Phycology Symposium (2023) - Argentine Phycology Association