DAVID BAZALDUA MENDEZ

DATA SCIENCE AND MATHEMATICS ENGINEER

CONTACT

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Mexico City

linkedin

Portfolio

SUMMARY

Highly motivated Data Science and Mathematics Engineer with a strong foundation in data analysis, machine learning, and database management. Experienced in applying Python and SQL to real-world projects, supporting AI development, and generating business insights through Power BI. Proven teamwork and leadership skills honed through competitive sports and academic projects. Currently seeking an international internship opportunity to apply data science expertise in solving challenging problems.

SKILLS

- Languages: Python, SQL, MATLAB, C++
- Databases: MongoDB, SQL Server
- Data Tools: Power BI, Tableau
- Machine Learning: Scikit-learn, Pandas, NumPy
- Languages: IELTS 7.5, French (B1)

ACHIEVEMENTS

- Winner of the Scholarship Academic Excellence Telmex Telcel.
- Best GPA Student Athlete Football League 2023.
- National Expo Engineer TEC De Monterrey.

EXPERIENCE

IT & DATA INTERN
Danone

July 2024 - Present

- Managed relational databases, joining and analyzing data across multiple tables to provide comprehensive business reports.
- Designed and developed Power BI dashboards, enhancing team data visibility and decision-making processes.

PERSONALIZED INTERNET ADS ASSESOR
Telus International

Jan 2024 - March 2025

- Evaluated and rated over personalized ads using Google criteria, contributing to improvement in AI-based ad targeting.
- Improve AI for advertising

PROJECTS

FAST FOOD HEALTHY EATING
2023
Tecnológico de Monterrey

- Utilized Python for data cleaning and analysis, implementing linear programming to optimize meal selection for fast-food users.
- Developed a prototype application providing personalized meal recommendations, improving dietary choices.

IMSS PREDICTIVE CASES AND MORBILITY
Tecnológico de Monterrey
2024

- Built a predictive model using a neural network (keras) to forecast morbidity and case trends for the next 3 years.
- Generated and delivered comprehensive reports using Power BI, providing actionable insights for IMSS socioformador.

EDUCATION

2023
BEDU
DATA SCIENTIST BOOTCAMP

2022 - Present
Tecnológico de Monterrey
DATA SCIENCE AND MATHEMATICS ENGINEER

2019-2022
Tecnológico de Monterrey campus CEM
MULTICULTURAL HIGH-SCHOOL