



AZUL NOGUERA

Data Scientist

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ABOUT ME

I am currently in my final year of the Bachelor's Degree in Digital Technology at Torcuato Di Tella University. As a passionate and self-motivated Data Scientist, I excel at creating digital solutions with a strong technical and multidisciplinary background. My developer skills are complemented by my experience in digital technology, business knowledge, and an understanding of neuroscience and design. Eager to advance in AI, I am seeking a dynamic remote role where I can contribute innovative ideas and work flexibly with global teams, leveraging my organizational and communication skills and my commitment to continuous learning.

EXPERIENCE

Final Project - Universidad Torcuato Di Tella

jun 2024 - present

<https://github.com/azulnogueraa/Proyecto-PAP>

I developed an AI model for the detection and classification of pathologies in Pap smear samples, using the CRIC database. This project, in collaboration with Rivadavia Hospital, aims to enhance early detection of cervical pathologies by exploring more advanced models and comparing different detection and classification techniques to optimize performance.

Image Classification with Deep Learning

oct 2023 - nov 2023

https://github.com/azulnogueraa/Prediccion_de_Conversion_IA

This project focused on developing an image classifier using the CIFAR-10 dataset. A series of experiments were conducted to explore various neural network configurations, including variations in the number of dense layers, nodes, and hidden layers. Additionally, experiments were performed to evaluate different optimizers, batch sizes, and regularization techniques, with the aim of identifying the most effective configuration.

ML Model for Estimating Sales Conversions at MELI

may 2023 - jun 2023

https://github.com/azulnogueraa/Clasificacion_de_Imagenes_TD6

I developed an advanced machine learning model to estimate the probability of sales conversions from user interactions with targeted digital ads for the prominent online retailer, Mercado Libre. The project involved an in-depth exploratory data analysis, sophisticated feature engineering, the setup of a robust validation dataset, and the implementation of advanced predictive models. Rigorous hyperparameter tuning techniques were applied to optimize model performance.

EDUCATION

Data Science Torcuato Di Tella University (UTDT)

mar 2021 - jun 2025

Data Science Student Exchange Complutense University of Madrid (UCM)

jan 2024 - jul 2024

Economics and Administration Highschool Grilli Canning College

feb 2015 - nov 2020

HARD SKILLS

Python (Pandas, Pytorch, sklearn, TensorFlow, Seaborn),
JS, R, C++, C, PHP, XML, MongoDB,
SQL, HTML, CSS, Unity, Zimpl

SOFT SKILLS

Self-Motivation and Organization
Effective Communication
Analytical Thinking

LANGUAGES

Spanish (Native)
English (C2)
Portuguese (B1)