

JOHAN BARREIRO

Minneapolis, MN | (952) 270-5934 | [Portfolio](#) | j.barreiro@student.ie.edu | [linkedin.com/in/johanbarreiro](https://www.linkedin.com/in/johanbarreiro) | github.com/johanbarreiro

PROFESSIONAL SUMMARY

Skilled data analyst with a strong record of collecting, analyzing, and generating insights from complex data sets. Proven ability to adapt and excel in dynamic working environments, with a self-starter attitude no matter the size of the project. Strong communication skills, attention to detail, and a talent for building relationships with colleagues and clients.

EDUCATION

IE SCHOOL OF SCIENCES AND TECHNOLOGY <i>Master of Science in Business Analytics and Big Data – Advanced AI Concentration</i> <ul style="list-style-type: none">Courses: Forecasting, Machine Learning, Modern Data Architecture, MLOps	MADRID, SPAIN SEPT. 2023 – JULY 2024 (EXPECTED)
UNIVERSITY OF MINNESOTA – TWIN CITIES <i>Bachelor of Arts, double major in Statistics and Strategic Communication</i>	MINNEAPOLIS, USA SEPT. 2016 – DEC. 2020

RELEVANT EXPERIENCE

AYESA (CONSULTING) <i>Data Science Intern</i> <ul style="list-style-type: none">Modify proprietary dashboards and deploy changes to AWS to track KPIs of new services offered in ERCOT power gridCreate simulations to track financial outcomes of various market scenarios using Cassandra and DockerDevelop and deploy machine learning and forecasting models for energy demand	MADRID, SPAIN APRIL 2024 – PRESENT
ELECTRITECT (STARTUP) <i>Co-Founder & COO</i> <ul style="list-style-type: none">Co-founded AI-driven Energy Consulting startup through IE’s Venture Lab and developed the company’s financial modelOversaw completion of key deliverables and MVP, including the completion of ML model that drives recommendations	MADRID, SPAIN APRIL 2024 – PRESENT
UNIVERSITY OF MINNESOTA – OFFICE OF UNDERGRADUATE EDUCATION (HIGHER EDUCATION) <i>Data Analyst</i> <ul style="list-style-type: none">Developed metric reporting dashboards to allow data driven decision-making across departments resulting in 1000+ viewsConducted ad hoc analyses of complex data of 30,000+ students to promote academic success initiativesWrote complex SQL queries to create comprehensive datasets for analysis and visualization within TableauCreated and updated workflow and technical documentation of specific projects allowing them to be replicated by othersPersuaded stakeholders to use data-driven dashboards at the university’s student success conference in February 2023Identified areas of improvement in academic programs and presented findings to executives across departmentsTrained 6 student employees to ensure projects are completed and met rigorous expectations <i>Office Assistant</i> <ul style="list-style-type: none">Clarified business needs for multiple analysis projects and adapted workflow to better align with stakeholdersPerformed review of program offerings to ensure feasibility of timely completion and adherence to university policies	MINNEAPOLIS, USA APRIL 2021 – AUG. 2023 JAN. 2017 – APR. 2021
SLEEP NUMBER CORPORATION (RETAIL) <i>IT Intern</i> <ul style="list-style-type: none">Identified an opportunity to improve processes at the organization and created physical and software prototypesDesigned and performed tests to verify the statistical validity of improved processPrepared and proposed improvements with visualizations to a group of executives with an ROI of ~\$20,000	MINNEAPOLIS, USA JUN. 2019 – AUG. 2019

LANGUAGES

English (Native); Spanish (Fluent)

TECHNICAL SKILLS

Tableau | SQL | Python | Pandas | BitBucket | AWS | TensorFlow | Apache Spark | Docker | Machine Learning

OTHER INFORMATION

IE MASTERS IN BUSINESS ANALYTICS AND BIG DATA COMMUNITY REPRESENTATIVE <ul style="list-style-type: none">Organize engaging extracurricular events for students within the program to foster a vibrant and inclusive community	JAN. 2024 – PRESENT
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