

JOHAN BARREIRO

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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

<b>IE SCHOOL OF SCIENCES AND TECHNOLOGY</b>	<b>MADRID, SPAIN</b>
<i>Master of Science in Business Analytics and Big Data</i>	SEPT. 2023 – JULY 2024 (EXPECTED)
• Courses: Forecasting, Machine Learning, Modern Data Architecture, SQL Based Data Architecture, MLOps	
<b>UNIVERSITY OF MINNESOTA – TWIN CITIES</b>	<b>MINNEAPOLIS, USA</b>
<i>Bachelor of Arts, double major in Statistics and Strategic Communication</i>	SEPT. 2016 – DEC. 2020

RELEVANT EXPERIENCE

<b>AYESA (CONSULTING)</b>	<b>MADRID, SPAIN</b>
<i>Data Science Intern</i>	APRIL 2024 – PRESENT
• Modify proprietary dashboards and deploy changes to AWS to track KPIs of new services offered in ERCOT power grid	
• Create simulations to track financial outcomes of various market scenarios using <b>Cassandra</b> and <b>Docker</b>	
• Develop and deploy machine learning and forecasting models for energy demand	
<b>UNIVERSITY OF MINNESOTA – OFFICE OF UNDERGRADUATE EDUCATION (HIGHER EDUCATION)</b>	<b>MINNEAPOLIS, USA</b>
<i>Data Analyst</i>	APRIL 2021 – AUG. 2023
• <b>Developed metric reporting dashboards</b> to allow datadriven decision-making across departments resulting in 1000+ views	
• Conducted ad hoc analyses of complex data of 30,000+ students to promote academic success initiatives	
• Wrote <b>complex SQL queries</b> to create comprehensive datasets for analysis and visualization within <b>Tableau</b>	
• <b>Created and updated</b> workflow and technical documentation of specific projects allowing them to be replicated by others	
• <b>Persuaded</b> stakeholders to use data-driven dashboards at the university’s student success conference in February 2023	
• <b>Identified</b> areas of improvement in academic programs and <b>presented</b> findings to executives across departments	
• <b>Trained 6 student employees</b> to ensure projects are completed and met rigorous expectations	
<i>Office Assistant</i>	JAN. 2017 – APR. 2021
• <b>Clarified business needs</b> for multiple analysis projects and adapted workflow to better align with stakeholders	
• Utilized <b>interpersonal and communication skills</b> to answer student questions across disciplines	
• Performed review of program offerings to ensure feasibility of timely completion and adherence to university policies	
<b>SLEEP NUMBER CORPORATION (RETAIL)</b>	<b>MINNEAPOLIS, USA</b>
<i>IT Intern</i>	JUN. 2019 – AUG. 2019
• Identified an opportunity to improve processes at the organization and created physical and software prototypes	
• Designed and performed tests to verify the statistical validity of improved process	
• Prepared and proposed improvements with visualizations to a group of executives with an ROI of ~\$20,000	

MAJOR PROJECTS

- Assembled and cleaned datasets from **disparate sources** for analysis of the effectiveness of placement recommendations
- Updated 5 legacy dashboards to Oracle BIEE and added **additional functionality** for in-depth insights

LANGUAGES

English (Native); Spanish (Fluent)

TECHNICAL SKILLS

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

OTHER INFORMATION

<b>IE MASTERS IN BUSINESS ANALYTICS AND BIG DATA COMMUNITY REPRESENTATIVE</b>	JAN. 2024 – PRESENT
• Organize engaging extracurricular events for students within the program to foster a vibrant and inclusive community	