**Johan Barreiro**

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**Professional Summary**

Skilled data analyst with 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** **Madrid, Spain**

*Master of Science in Business Analytics and Big Data*  Sept. 2023 – July 2024 (Expected)

* *Courses: Forecasting, Machine Learning, Modern Data Architecture, SQL Based Data Architecture, MLOps*

**University of Minnesota – Twin Cities Minneapolis, USA**

*Bachelor of Arts, double major in Statistics and Strategic Communication*  Sept. 2016 – Dec. 2020

**Relevant Experience**

**AYESA** (Consulting) **Madrid, Spain**

*Data Science Intern* 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 **Cassandra** and **Docker**
* Develop and deploy machine learning and forecasting models for energy demand

**University of Minnesota – Office of Undergraduate Education** (Higher Education) **Minneapolis, USA**

*Data Analyst* April 2021 – Aug. 2023

* **Developed metric reporting dashboards** to allow data driven 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 **complex SQL queries** to create comprehensive datasets for analysis and visualization within **Tableau**
* **Created and updated** workflow and technical documentation of specific projects allowing them to be replicated by others
* **Persuaded** stakeholders to use data driven dashboards at the university’s student success conference in February 2023
* **Identified** areas of improvement in academic programs and **presented** findings executives across departments
* **Trained 6 student employees** to ensure projects are completed and meet rigorous expectations

*Office Assistant*  Jan. 2017 – Apr. 2021

* **Clarified business needs** for multiple analysis project and adapted workflow to better align with stakeholders
* Utilized **interpersonal and communication skills** to answer student questions across disciplines
* Performed review of program offerings to ensure feasibility of timely completion and adherence to university policies

**Sleep Number Corporation** (Retail)  **Minneapolis, USA**

*IT Intern* Jun. 2019 – Aug. 2019

* Identified an opportunity to improve processes at the organization created physical and software prototypes
* Designed and performed tests to verify statistical validity of improved process
* Prepared and proposed improvements with visualizations to a group of executives with ROI of ~$20,000

**Major Projects**

* Assembled and cleaned datasets from **disparate sources** for analysis of 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 Certified Practitioner **|** TensorFlow **|** Apache Spark

**Other Information**

**IE Masters in Business Analytics and Big Data Community Representative** Jan. 2024 – Present

* Organize engaging extracurricular events for program section to foster a vibrant and inclusive community