

JUAN M. MENDEZ

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Data Analyst | Business Analyst

Experienced engineer proficient in predictive and classification modeling, data visualization, and analysis. Eager to contribute to team success through hard work, attention to detail, and a resilient mindset. Motivated to learn, grow, and excel in anything I set my eye on.

Technical Skills

- Computer languages and Visualization: Python, R, SQL, Tableau.
- Human languages: English (native), Spanish (native).

Education:

Hult International Business School, San Francisco, CA
Master of Science in Business Analytics

Sept 2023 — Aug 2024 (Expected)

- Participated in EY and NASA's Open Science Data Challenge to develop an object detection model using **YOLO v8**, aimed at identifying damaged buildings in San Juan, Puerto Rico following Hurricane Maria.
- Developed a predictive classification model using **Random Forest** and **Gradient Boosting** algorithms to identify potential low birthweight instances from parental data.

To see these projects and the rest of my portfolio visit: <https://juanmendezportet.github.io>

Pennsylvania State University, State College, PA
Bachelor of Science in Energy Engineering

Aug 2016 — Dec 2020

Experience:

EDESSA, Santo Domingo, DR

June 2023 — Sept 2023

Project Manager: Coordinated the seamless integration of the MARS (Petcare, Snacking, and Food and Nutrition) product line into the existing distribution system.

- Developed a logistics plan to manage the monthly distribution of MARS products valued at 1 million USD.
- Planned and oversaw the rapid construction of a climate-controlled warehouse, successfully completing the project in just 1.5 months.

Deutsche Gesellschaft Für Internationale Zusammenarbeit (GIZ), Santo Domingo, DR

Sept 2022 — March 2023

Renewable Energy Jr Advisor: Managed the successful completion of the Energy Transition Project in the country.

- Served as the primary liaison between various government institutions for the GER-DR-CR cooperation, facilitating effective communication and collaboration.
- Coordinated the production and editing of the final edition of the Transforma bulletin, a publication highlighting the project's achievements and contributions to the country regarding sustainability and renewables.

EDESSA, Santo Domingo, DR

Oct 2021 — Sept 2022

Logistic Coordinator: Responsible for maintaining optimal inventory levels to meet monthly and semi-annual demands.

- Coordinated a monthly inflow of inventory valued at 6 million USD from major suppliers, including Colgate and Abbott.
- Enhanced loading speed significantly by developing and implementing an effective inventory management plan.