

# JUAN M. MENDEZ

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## Data Analyst | Business Analyst

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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

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

### Education:

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

Sept 2023 — Aug 2024 (Expected)

- Collaborated with NASA and EY to develop an object detection model using YOLO v8, aimed at identifying damaged residential and commercial 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:** [juanmendezportet.github.io/data\\_analyst.github.io/](https://juanmendezportet.github.io/data_analyst.github.io/)

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

Aug 2016 — Dec 2020

### Experience:

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**EDESSA**, Santo Domingo, DR

June 2023 — Sept 2023

Project Manager: Coordinated the seamless integration of the MARS product line into the existing distribution system.

- Developed a comprehensive 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**, 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.